



Palomar Amateur Radio Club

October 2003

October Meeting

Wednesday October 1, 2003

Carlsbad Safety Center

Annual Auction

5:30-6:30 Check-in

6:30-7:00 Viewing

7:00—?? Auction

PARC Repeaters

Palomar Mt. Repeaters (W6NWX)

PARC Trustee: AB6QT

*52.680- W6NWX, -0.5 MHz.

Autopatches:

146.730-, *147.075+

* 147.130+, *447.000-

PKT:

145.050s (PALMAR/W6NWX-1)

146.700- (Duplex Pkt) PALBBS/
EMG use

145.070/146.7 - (W6NWX-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

Greetings all! For those of you true hams, who spend your fun time on the HF bands, take heart! It is fall-time, and it can't get worse than it's been lately!!

Ah yes, fall-time. Early dark, cool evenings, the warmth of the trusty 6L7J keeping your feet warm, and the PARC auction! What else do you need to have a great evening of fun, and a chance to buy some excellent ham gear, at reasonable cost, from someone you know as opposed to ordering from some email address no one has ever heard of before?!

Yes. The PARC October meeting will once again regale us with the pleasure of hearing KC6UQH lead us through the annual PARC auction! And so I must ask that you help us build some excitement for this event. I know already of some really nice buys that are going to be available. And there is probably nowhere in hamdom where you can buy gear at a reasonable price, and put your hands on the gear before you buy it! Especially valuable will be some HF gear that a newcomer can play with, tinker with, learn with, and not risk a fortune. Face it. Enjoyable gear buying events are becoming few and rare, unless the impersonality of the internet suits your interest. So, if you like to get

your hands dirty pawing over the treasures you want, talk-up the PARC auction, and come join us for the fun at the October meeting!

Speaking of fall..... it is difficult to believe that we are heading in to December, Christmas, and a new slate of PARC elected officers and board of directors. Note the comment elsewhere in this Scope.

I am compelled to say a well done to Art (KC6UQH) who spent the preponderance of two weekends adjusting and tinkering with the ATV repeater. While all ills are not yet cured, the ATV aficionados know that the rig-meister is working to fix all ailments! Likewise, I am pleased to say thanks to KD6TUJ who over the past month finished further arranging of the container, and dedicating some of his personal time to transporting a large tower to a disadvantaged ham in a remote location. WELL DONE Dennis. That's what hamdom is all about.

Last, but certainly not least, I am happy to share some Board news with all of you. W6MBM (Mike), the Board New member recommended an excellent choice to replace him on the Board, and after due consideration, the Board accepted his recommendation. I am very pleased to welcome

Minutes

Palomar Amateur Radio Club Board of Directors

September 10, 2003

The meeting was called to order at 7:05 PM by NN3V at the home of W6GNI. Present were:

President Charles Ristorcelli, NN3V	Secretary Paul Williamson, KB5MU
Treasurer Jo Ashley, KB6NMK	Director Merle Risdon, KR6BT
Membership Chairman Al Donlevy, W6GNI	New Hams/Members John Earnest, KG6EQU
Vice President, Mark Raptis, KF6WTN	

Treasurer's Report

KB6NMK distributed the Treasurer's Report, noting that the "insurance" account represents money the club still has, set aside against the kinds of losses that would otherwise be covered by insurance. Several Board members questioned the plausibility of the liability figure quoted for pre-paid dues. Motion by KF6WTN that the disposition of the Treasurer's Report be tabled until the disputed figures can be rechecked. Seconded by KB5MU. Motion passed unanimously.

Secretary's Report

KB5MU had distributed the Minutes of the August meeting by email and (with some printing errors) in the Scope, and distributed hard copies of the emailed version. Motion by KF6WTN to accept the Minutes as distributed at the meeting. Seconded by W6GNI. Motion passed unanimously.

New Hams/New Members Representative

NN3V welcomed John Earnest, KG6EQU, to the position of new hams and new members repre-

sentative to the Board (non-voting), and expressed thanks for the work W6MBM had done in that position over the last two years.

Picnic Prizes

The Board agreed to purchase gift certificates from Fry's Electronics in the amount of \$100, \$50, and four \$25 to be used as prizes in the annual drawing.

SANDARC Representation

KF6WTN reported that W6GIC wants to continue representing PARC at SANDARC meetings, and promises to email an update to the Board after each meeting. A second representative (and two alternates) would be welcome.

October Auction

NE6O had emailed a status report on the upcoming auction. NN3V agreed to touch base with the Fire Department to reconfirm availability of the meeting room, including early access for auction setup. NN3V suggested that Board members talk up the auction on the repeaters. The Board agreed that, absent any specific plans to the contrary, the schedule for the auction would be as

last year: room opens at 5:30 pm, sellers must be present by 6:00 pm, buyers must be present by 6:30 pm, and the meeting and auction begin at 7:00 pm.

Club Brochures

KG6EQU reported that W6MBM was still waiting to hear back from a printer about pricing. NN3V agreed to print a few brochures for AA6OM's volunteer examiner team to distribute to examinees in the meantime.

General Meeting

KF6WTN reported that the program for the October general meeting will be the annual auction. The program for the November meeting is still to be determined.

Membership

W6GNI reported that the club membership is 470.

Newspaper Publicity

KR6BT noted that club activities are rarely listed in the local newspapers. A discussion followed about how newspapers make it difficult to get listed reliably.

Scope Mailing Costs

W6GNI reported that each issue of the Scope sent to a member residing outside San Diego County is placed in an envelope with a 37-cent stamp. Remarkably, this is less expensive than adding them to the second-class periodical mailing used for in-County members.

KB5MU and W6GNI agreed to investigate the possibility of online distribution of the Scope as a cost-saving measure. Online distribution would be at each member's option.

Nominating Committee

NN3V reported that K6GO, KC6UQH, and WN6K had already agreed to serve on the Nominating Committee. Additional invitations are out and awaiting replies.

MARA Preamble Change

The Board agreed to approve a request from MARA to change the text of their net preamble.

San Bernardino Site Offer

The Board agreed to decline an offer to lease a potential repeater site in San Bernardino.

Letter to ARES

KB5MU stated that he had not counted sufficient email approvals to send out the letter to ARES. The Board approved the letter to be sent by email, as proposed in email.

Financial Audit

The Board agreed that an audit of the club's financial records is overdue. NN3V stated that we should ask around the club for a member willing and qualified to perform an informal audit.

Next Board Meeting

The October Board meeting will be held at the home of KF6WTN at 7:00 pm on October 8.

The meeting was adjourned at 8:27 PM.

Respectfully submitted,

Paul Williamson, KB5MU, Secretary

PARC Election Nominating Committee

Preparatory to the November election of PARC officers, KC6UQH (Art) is heading a nominating committee composed of K6GO (Gayle), KF6BFI (Ted), AE6IC (Fred), and AC6V (Rod). In accordance with PARC bylaws, they will consider recommending a slate of members for officers and Board members of PARC, and recommend their selections to the membership for the elections to be held in November. Any PARC members desiring to be considered for a position on the elected Board should contact them.

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).

Radio Setup Helpers

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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.

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

Jo Ashley KB6NMK@amsat.org
ASSETS August 31, 2003

Cash and Bank Accounts	
CD	2,798.13
CD	2,674.81
CD	3,375.61
CD	2,819.72
Checking	4,106.14
Post Office	95.88

TOTAL ASSETS **\$15,870.29**

LIABILITIES	
Pre-paid dues	7,436.00
Prop. Insurance	1,200.00

LIABILITES	\$8,636.00
EQUITY	7,234.29

TOTAL LIABILITIES & EQUITY **\$15,870.29**

PARC AUCTION

The Annual Palomar Amateur Radio Club Auction will be held Wednesday, October 1, 2003 at the Carlsbad Safety Center. The auction will start at 7 pm. This is a half hour earlier than the usual meeting time so lots of good stuff can be auctioned.

The auction rules and times are similar to last year's. They are:

- 1) 5:30pm to 6:30pm: sellers sign-in, tag equipment. Bring your stuff early!
- 2) 6:30pm to 7:00pm: equipment viewing. If you have questions about an item, this is the time to ask it. Inspect equipment before the auction so you know what you are bidding on (write its auction number down!) Get your buyer's number at this time.
- 3) 7:00pm to ??pm: THE AUCTION!!!
- 4) PARC receives 10% of the sale price and there is no other fee for buyers and sellers. Donations to PARC are accepted.
- 5) All monies are paid to PARC.
- 6) Seller(s) may set a written minimum bid on their items.
- 7) Seller is responsible for removing any item(s) not sold.

8) PARC does not guarantee the condition of any item sold.

9) You don't have to be a PARC member to participate in the Auction, so invite your friends to join in on the fun.

10) Sellers will not be paid their money until all monies have been collected that evening, so bring a SASE (Self Addressed Stamped Envelope) if you want the check mailed to you the next day Or pick it up at the next club meeting.

PARC assumes no responsibility for items you place on the auction table so make sure they are well marked with your call and watch the small items.

Please come early and help set up tables and chairs ... and STAY a few minutes to help put them away. Your help is greatly appreciated.

73, Jim Cooper NE6O

ne6o@amsat.org

home: 760-727-8446

work: 760-930-7242

Equipment for Loan

Before Bill W6JAB became a SK, he gave me some of his test equipment. In an effort to see that these items get some use I have decided to start a equipment loan pool, In Memory of Bill W6JAB.

I currently have the following Items to loan:

1. IFR 1200A Communications Monitor
2. MFJ 259B with carrying case and re-chargeable batteries
3. An assortment of VSWR meters covering HF to 70 cm.

Reservations for these items can be made to: testequip@palomararc.org

I want to keep the loan of these items to two weeks or less in order to give all that need them an opportunity to use them. They may be pre-assigned for use at Field Day, and PARC Repeater work parties.

I will be looking for other Items to add to the loan pool and will announce these items as they come in. We will see how popular this is with members and I will do the calibration and maintenance on these items.

Art McBride, KC6UQH

Presidents Message Cont.

KG6EQU (John), a teacher at Mt. Carmel Junior High School, and a ham who consistently delivers the excitement and fun of ham radio to his excellent young ham club at the school. John has graciously agreed to step in to that all important elmering task at PARC. Have you excited a young ham lately? Why not?

Speaking of "elmering", have you ever thought of awarding the "Elmer Award" to your "elmer"? Don't know what the "Elmer Award" is? Look it up at <http://arrl.org>

73 de NN3V

ATV REPEATER

This is to announce that the ATV repeater is fully functional locally, and parts of the link are working at this time, and the rest of the link is under test. I should have a better idea of the system operation by the end of this month. We have strong signals reported on the Output (1241.25) the 919.25 AM input has been dropped because of interference. 915 FM is operational, but usable only some of the time because of in band interference, and the 2441.5 FM is fully functional at this time. Also the repeater can be brought up using the 2M talk back frequency of 146.415, CTCSS 79.7 Hz. We currently have two active users Dave K6QL and Chuck, KD6RSQ. Now that the repeater

seems to be a stable unit I am hoping that we will get some new and old users back on our ATV system.

Please E-Mail me at kc6uqh@amsat.org with any questions or comments on the system. I have portable equipment for testing, if there is a question of a given location working.

Thanks,

Art McBride, KC6UQH

WORK PARTY

August 23, 2003

Many thanks to Greg N7USR and Barbara KD6ECD for your help and skills at the repeater site. The weeds have been cleaned up, the "new" camper is now all one color (amazing what a couple quarts of Rustoleum will do). The oil has been changed in the small generator, and most of the shelves have been built in the camper in preparation for the disposal of the trailer.

Mike, AB6QT and Greg N7USR plan to return sometime in early September to complete the shelving project and to start moving items into the camper. Anyone interested in helping out with that work party, please email AB6QT@amsat.org

A good time was had by all.
de AB6QT

Bacon Drippings

SITTING ON OUR THUMBS? - Why hasn't the ARRL joined the pundits who have fired in their special-interest petitions to the FCC on the topics of Morse Code testing and changes to license privileges? After determining that the FCC will be handling these matters in due course, (aka business as usual) your ARRL has set a timetable that includes ample opportunity to collect member input before determining its direction at the January 2004 Board meeting. Stay tuned for further developments, and if you haven't done so already, be sure to let your Director know your views: w6xd@arrl.org (Courtesy of ARRL Southwest Division Communicator)

OCTOBER 4-5: California QSO Party (CQP), sponsored by the Northern California Contest Club (NCCC). Before you skip over this item, take a look at the Awards: 34 Plaques and 40 bottles of California Wine! More info at: <http://www.cqp.org> (Courtesy of ARRL Southwest Division Communicator)

NORTHEAST POWER OUTAGE.- Many internet friendly hams (including Hamhock) were delighted to receive – via email – a magnificent satellite photo of the East Coast during the recent massive power outage. Simply amazing the detail available to us from space these days. Were you impressed if you saw it?

Note: Hoaxed! (Sep 17, 2003) -- Along with many others, QST was snookered by a bogus satellite photo that purported to depict the US as seen from space during the

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	W6NWX@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	KD6TUI@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	-	W6NWX@amsat.org
TrusteeW6NWX-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 W6NWX@amsat.org
Microwave	-Kerry B	
Off Road	-Jerry A	jwak6fp@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 **W6NWX@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

August 14 electrical power outage in the Northeast. The image on page 80 of the October issue accompanied a story, "Hams a Bright Spot During Power Blackout," which deals with ham radio's response to the blackout emergency. The image, which was widely circulated via the Internet, apparently was a retouched composite of old satellite photos with fake identification added. As several astute members have pointed out, among other things, the faked photo shows the blackout zone as totally dark--which it was not--and the area shown is geographically inaccurate. Real power blackout satellite images available on the Internet from NOAA (at <http://www.universetoday.com/html/archive/2003-0818.html>) and other government sites. Moral of the story is not to be too sure that what you get in email is true. (Hamhock fell for this one).

73 de Hamhock

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

Oct 4 California QSO Party
 Oct 4 QCWA QSO Party
 Oct 4 Oceania DX Contest, Phone
 Oct 5 RSGB 21/28 MHz Contest, SSB
 Oct 10 10-10 Int'l Net Day Sprint
 Oct 11 Oceania DX, Contest, CW
 Oct 11 PA QSO Party
 Oct 11 FISTS Fall Sprint
 Oct 11 NA Sprint, RTTY
 Oct 18 JARTS WW RTTY Contest
 Oct 19 IL QSO Party
 Oct 19 RSGB 21/28 MHz Contest, CW
 Oct 25 CQ WW Dx Contest, SSB
 Oct 25 10-10 Int'l Fall Contest, CW
 Nov 1 ARRL Sweepstakes
 Nov 8 Worked All Europe, RTTY

Boy! There's something for everybody this month. SSB, CW, RTTY, Sprints, QSO parties for WAS chasers. CQP is where CA works everyone and everyone works CA and of course the BIG one, CW WW. So if you work only the CQP and CQ WW you can easily Work All States and DXCC in one month. Contest rules are in QST, CQ, NCJ, and Worldradio, CU in the contest! 73, Harry/W6YOO

September Goodie's

Preston W6ASP
 Ed KG6PVN
 Roger KG6RAS
 Fred K6ISS

Last Month's Fold & Staple Crew

KR6BT Merle WA5ACE Sonny
 KB6NMK Jo & Toby
 KB6YHZ Art & KB6YHY Anita
 W6GNI Al W6HCD Nash
 W6YOO Harry K6ML Jim
 N6UZH Terri & Matthew & Tyler

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**

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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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

(5.29) Yaesu Handheld **FT-709R** \$35.00 , **ICOM IC-2AT** With PL and New Battery \$40.00, **ICOM IC-3AT** 220 HZ, No PL. \$35.00 . **Wilson MARK IV** 2 M. Handheld, No PL Make Offer. Call Bayard K6GAO 858-755-5507

(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-**

***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

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 Rotor, 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

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(1.20) **Uniden Bearcat Scanner** Model # BC890XLT, Like New with Hamtronics Pre-Amp. One Owner asking \$75.00 OBO. Call Bayard K6GAO at 858-755-5507. I also Have for Sale (1) **Speaker** Kenwood Communication Asking \$10.00. I Have (1) Kenwood SP-70 For Kenwood VHF Radios Asking \$15.00 OBO. Call 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.

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(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

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Thursday	1930	147.075	Young Hams Net
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Carlsbad - 2nd. Saturday at 9:30 am in the Carlsbad Safety center.

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

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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
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147.130+	:	Normal
447.000-	:	Normal
52.680-	:	Normal
146.700-	:	Packet Repeater Normal
145.050	:	Packet Digi Normal
PALBBS	:	Bulletin Board Normal
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