



# Palomar Amateur Radio Club

## September 2003

### September Meeting

Wednesday September 3, 2003

Carlsbad Safety Center

1930 Local

Troy Warshel, KG6MGE on Ham Radio  
in the Gulf War II from Iraq.

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

### 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. We are quickly closing out another summer of fun and sun in Southern California. Are you ready for the fall period? Have you decided what to do in the recall election? Make sure you do what is right!

Speaking of fun, note that the PARC annual picnic is in September, and it should be a great one as have been many in the past. Come prepared to enjoy the camaraderie, the games, the raffles, and of course, the fabled T-hunt! And, as has been the case in the past, I will certainly match my culinary skills with any unknowing amateur to see who makes the best (or it is hottest?) chili? Once again, the road-kill café quality chili will be available, with opossum meat and all the trimmings.

On a more somber note, I am compelled to remember W6JAB (Bill). As you all know from last month's Scope, Bill is now a SK. It occurred to me as I recalled the many things Bill did for PARC, that each and every one of you who like to attend the monthly meeting benefited directly from his largesse. Back when we had to move our meeting location (in the expectation that the Safety Center would initiate remodeling), Bill was the one who arranged – *at no cost to the Club* – for the rental of the Carlsbad Theater.

He asked I never reveal same to the Club members, but under the circumstances, I believe it appropriate to let all of you know how much he cared for our fellowship and monthly fun. Indeed, Bill, we will miss you.

On a positive front, I am pleased to announce that KF6BFI (Ted) is making good progress in his chemotherapy treatments, and although there is a long road ahead and he has been through a lot, his spirits are good and he is now able to recuperate at home. I've teased him that he needs to make use of his off-time to get that code barrier overcome and join us on the HF bands. As a good IOOK VP, he advises that is under consideration. If you wish to email Ted, you may do so at [tw@wilcoxent.com](mailto:tw@wilcoxent.com)

Lots of interesting things going on around the hobby. You will find some insight into some of those happenings in the "HAMHOCK" column in later pages.

And of course, we are only another month away from the PARC Auction. Are you ready to bring your goodies to the auction? Are you saving your allowance to make sure you leave the auction with that priceless toy? We all look forward to your having a good time, and in your upgrading your hamshack with the quality

## Minutes

### Palomar Amateur Radio Club Board of Directors

July 9, 2003

The meeting was called to order at 7:09 PM by NN3V at his home. Present were:

President Charles Ristorcelli, NN3V	Secretary Paul Williamson, KB5MU
Treasurer Jo Ashley, KB6NMK	Director Merle Risdon, KR6BT
Director Jim Cooper, NE6O	Membership Chairman Al Donlevy, W6GNI
Vice President, Mark Raptis, KF6WTN	Repeater Technical Chairman, Mike Doyle, AB6QT

#### Treasurer's Report

KB6NMK distributed the Treasurer's Report, noting that the "equity" account (that money not allocated to future pre-paid dues) is in deficit. **Motion** by KB5MU to accept the Treasurer's Report. **Seconded** by W6GNI. Motion **passed** unanimously.

#### Secretary's Report

KB5MU had distributed the Minutes of the July meeting by email and in the Scope. **Motion** by W6GNI to accept the Minutes as published. **Seconded** by KR6BT. Motion **passed** unanimously.

#### Water Company Meeting

KB6NMK showed a letter from the Palomar Mountain Water Company to holders of water shares on the mountain, an invitation to a water company meeting. The repeater site property has a water share, but we do not currently have a connection to the water supply system. It was concluded that we probably don't need to send a representative.

#### General Meeting

KF6WTN reported that the program for the September general meeting is still unconfirmed, but will probably be the U.S. Marine Major who presented a program at the Fallbrook club meeting on ham radio in the Iraqi war zone.

#### Membership

W6GNI reported that the club membership is 489. This is unchanged since last month, despite it being July, the month when all memberships used to expire.

Two people have sent in memberships with the old dues of \$12/year rather than the current dues of \$18/year. They were given 8-month memberships or renewals.

No members have provided any feedback on the number of activity points, published on the mailing label of the Scope this month.

The Board went over a list of club volunteer activities not automatically granted activity points, and assigned a handful of activity points to deserving volunteers.

#### Club Picnic

KR6BT reported that the club picnic site has been reserved (for \$40) for September 21 at Dixon

Lake, Lake Shore Picnic Area, Lilac Shelter. Lunch will be served around 11:30 or 12. The club will provide hot dogs, hamburgers, chicken, and utensils, and members are asked to bring pot-luck dishes according to the first letter of their last names.

#### Auction

NE6O reported that the auction will be held at the October general meeting. Specific preparations have not yet begun.

#### TASMA Meeting

NE6O reported that nothing much interesting took place at the recent meeting of TASMA, the Two-Meter Area Spectrum Management Association. The issue of switching to 15 kHz repeater spacing with inverse split channels is still "up in the air". The meeting barely met quorum.

#### Club Brochure

W6MBM reported that the club brochure has been updated to reflect the new dues. He will have it printed and placed on the club web site.

#### HF Rig for RACES Station?

W6MBM presented a request received from KM6MW, the manager of the RACES station at the Carlsbad Safety Center, for the indefinite-term loan of a solid-state HF transceiver from the club's inventory to the RACES station, for public service events and training. This request was submitted through the member loaner program, which is intended for temporary loans to individual members. It was pointed out that RACES has some government funding for equipment acquisition. It is also unclear whether any of the transceivers in stock will meet all the needs described in the request. **Motion** by KB5MU that the club offer to the RACES station one of our available transceivers, for a period of six months, with the suggestion that RACES find another source for a permanent transceiver. **Seconded** by W6GNI. Motion **passed** with four votes in favor and one (KR6BT) opposed.

### New Ham/ New Member Rep Needed

W6MBM reported that he will be stepping down as New Ham/New Member representative to the Board, to take a position as President of the North County Photographic Society, effective in September. KF6WTN asked W6MBM to write an article for the Scope, and screen the responses, in order to find a new volunteer for the position.

### Pop-Up Trailer

KB6NMK reported that the decrepit pop-up trailer has been successfully disposed of.

### SANDARC Representation

KF6WTN reported no progress on

## The Newcomer's Corner

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

\* Auto-patch 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 Mike McMahan, W6MBM by email at W6MBM@amsat.org. He will match you with an elmer/mentor.

Don't forget our great website...

[www.palomararc.org](http://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.

Board Member representing New Members/New Hams

W6MBM@amsat.org

## 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

Laminated Quick Help  
Operating Aids For  
Kenwood, Icom and Yaesu  
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and Operation



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[www.niftyaccessories.com](http://www.niftyaccessories.com)

## 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                              7,31,2003

Cash and Bank Accounts	
CD	2,798.13
CD	2,673.21
CD	3,368.74
CD	3,811.02
Checking	3,916.95
Post Office	95.88

TOTAL ASSETS                      **\$15,704.67**

LIABILITIES	
Pre-paid dues	16,015.00
Prop. Insurance	1,200.00

TOTAL LIABILITIES	17,215.00
EQUITY	1,510.33

TOTAL LIABILITIES & EQUITY                      **\$15,704.67**

obtaining more active representation to SANDARC.

## Test Equipment Pool

NE6O relayed a suggestion from KC6UQH that the club establish a test equipment pool for loan to members. NE6O believes that KC6UQH would be willing to manage such a pool. An open issue is where to store the equipment. The cargo container at TOWizard would not be appropriate, because of temperature cycling and the risk of further wearing out our welcome there. **Motion** by NE6O that the club establish a test equipment bank, with details to be determined, and ask KC6UQH to take on the responsibility of managing the pool. **Seconded** by KB5MU. Motion **passed** unanimously.

## Club Towers

KF6WTN raised an issue recently discussed on the Board email list, regarding the disposition of the tower recently donated by NA6RS. A specific ham was identified as possibly interested in obtaining the tower, for a property in Utah.

Discussion followed about the club's policies and purposes in owning and disposing of towers. KR6BT expressed the opinion that the club shouldn't own any towers, since they require a lot of manpower to transport and erect, are potentially hazardous, and are not needed for non-championship Field Day efforts. This opinion was not shared by other Board members.

The donated tower is a more heavy-duty model than those we have been using for Field Day, and in better condition. The pos-

sibility was raised that it might be useful at the repeater site as a backup or secondary antenna support. A general consensus was reached that such a heavy tower would not be desirable for Field Day use. Another possibility would be to sell the tower at market price, preferably to a member. KF6WTN agreed to consult with AB6QT and KD6VHI about whether the tower would be useful at the repeater site. KR6BT agreed to ask NA6RS about the purchase price of the tower, as a baseline for figuring the used market value. Further action was tabled.

## Picnic Drawing Prizes

KR6BT raised the issue of appropriate prizes for the drawing held at the picnic. He is not satisfied with the recent practice of purchasing gift certificates from Ham Radio Outlet. This discussion was tabled due to lack of time.

## Net Preambles

KC6YSO stated that he was present on behalf of K7DCG regarding his proposal to change the wording of the preamble script for the Sunday morning emergency preparedness net. He stated that the Board's response, requiring written agreement from both ARES and RAVES to share the net, was impractical, since ARES leadership was unlikely to agree. He proposed instead that the Club should simply take back full ownership of the net and adopt a preamble script that invites any volunteer communications group to make announcements, without naming any specific groups or volunteer titles. Lengthy discussion ensued.

In the course of the discussion it

was pointed out that KB5MU failed to notify K7DCG directly of the Board's decision in July. KB5MU asked KC6YSO to convey his apologies to K7DCG for the omission.

KB5MU suggested that the Board send a letter to the Section Emergency Coordinator (as local head of ARES) with a copy to the Section Manager (his supervisor). This letter would point out the existing understanding between ARES and PARC that the net would revert to PARC management if ARES ever stopped running it effectively. It would then point out that the net manager and some of the net controls are no longer ARES members, and that ARES leadership has not responded to calls for announcements on the net in some time. It would ask whether ARES intended to resume operating the net, and, if so, who would be proposed for PARC approval as a new net manager. If no response was forthcoming, or if ARES was unable to provide a net manager, the Board would be in a position to take back full ownership of the net. **Motion** by KB6NMK that KB5MU write such a letter, circulate it on the Board email list for approval, and send it to the SEC and SM. **Seconded** by KB5MU. Motion **passed** unanimously.

## Next Board Meeting

The September Board meeting will be held at the home of W6GNI at 7:00 pm on September 10.

The meeting was adjourned at 9:40 PM.

Respectfully submitted,

Paul Williamson, KB5MU, Secretary

Presidents Message Cont.

items always available at the PARC auction.

Last, but certainly not least, it is with regret I confirm that W6MBM requested the Board accept his resignation as "New Ham Rep" to the PARC Board. Mike brought a lot of enthusiasm to the Board's deliberations, always reminding us that one of the key elements of PARC's objectives must remain helping the new folks absorb, and be absorbed (or is that assimilated) in, the hobby. His energy gave us many new activities, and a superbly edited PARC brochure. Mike, *well done indeed!*

If any of you reading this would like to take on that task, please contact any Board Member. You will find the assignment fun, and have an opportunity to contribute to your fellow hams' enjoyment.

73 de NN3V

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## Bacon Drippings

NEWINGTON, CT, Jul 8, 2003--Citing the potential for interference to and from Amateur Radio, the ARRL has called on the FCC to "take no steps" to permit Broadband over Power Line (BPL)--a form of power line carrier (PLC) technology. The League has filed a 120-page response--including studies--in response to the FCC's BPL *Notice*

*of Inquiry (NOI)* in ET Docket 03-104, published May 23. The *NOI* asking how the FCC should regulate the delivery of broadband services to homes and businesses using electrical wiring to conduct high-speed digital signals attracted some 1900 comments--many from the amateur community--by the July 7 comment deadline.

"ARRL is unwilling to have the Amateur Service gored with the double-edged sword of an incompatible service that will at once (1) cause widespread interference, and (2) preclude any future changes in the amateur HF allocations," the ARRL said. The League said that based on "diligent and exhaustive research," it's concluded that BPL must avoid any and all amateur MF, HF and VHF allocations without exception. "This interference potential, as a matter of both law and fact, disqualifies access BPL as a potential future competitive broadband delivery system."

## NCVEC COMMITTEE STUDY- ING NEW ENTRY-LEVEL LI- CENSE PROPOSALS

The National Conference of Volunteer Examiner Coordinators (NCVEC) has formed a committee to develop an FCC rule making proposal for a new entry-level Amateur Service license. The move came during the NCVEC's annual meeting July 25 in Gettysburg, Pennsylvania, where attendees heard presentations on the possibilities for such a new ticket. At the same session, the NCVEC also

approved plans to draft and submit a rule making petition to eliminate the current 5 WPM Morse code requirement (Element 1) and to give Novice/Tech Plus HF privileges to all current Technician licensees. NCVEC Chair John Creel, WB3GXW, of the Laurel VEC presided over the gathering, which included representatives of 12 of the nation's 14 VECs.

NCVEC Question Pool Committee Chair Scotty Neustadter, W4WW, and Rules Committee Chair Fred Maia, W5YI, offered separate proposals for an entry-level license. Neustadter said while the current entry-level license, the Technician class, provides full VHF and UHF privileges, it does not offer a simple entry path. He recommended a 50-W maximum power output level, Novice/Tech HF subbands plus 12 and 17-meter privileges and a 20-question written exam.

73 de Hamhock

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## Committee Chairmen

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

### (Net Managers) (see pg.12)

ARES Sun	-	
Staff Net	-David D	<b>KC6YSO@amsat.org</b>
ARES 6m	-David D	<b>KC6YSO@amsat.org</b>
Ham Help	-David D	<b>KC6YSO@amsat.org</b>
Hiking	-Ed	<b>KF6DXX@Juno.com</b>
	-Glenn P	<b>KE6ZLY@Juno.com</b>
MARA	-Cathy	<b>KE6IQU W6NWG@amsat.org</b>
Microwave	-Kerry B	
Off Road	-Jerry A	<b>fwak6fp@cts.com</b>
	-Dick W	<b>KA7AYT rwilimek@home.com</b>
Sailors	-Paul/Rod	<b>NN6X@amsat.org / AC6V@amsat.org</b>
Traffic(SDCTN)-Charles		<b>N6TEP cmiele@juno.com</b>

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**

## Silent Key

Bill Brooks, W6JAB was 78 years old, a Navy officer and veteran of World War II. He served in the Pacific campaign aboard several ships in many combat situations. After the war, he was a significant contributor to the golden era of Silicon Valley. His electronic expertise was well recognized and sought after by many companies in Santa Clara Valley. He is prominently mentioned in a book dealing with the founding of Silicon Valley.

On many occasions after the commute hours, Bill and I would reminisce about the founding and entrepreneurs in silicon valley. He knew Packard, Hewlett, Noyes and many others and was a consultant to them on many occasions. He founded several companies on his own and had many patents for electronic applications. He was a top notch EE, knowledgeable in a multitude of engineering areas.

He owned property in the Las Cumbres area in the mountains above Los Gatos and installed many repeaters on several VHF/UHF frequencies. He hosted various clubs for field day and his repeaters were among the finest in the area.

Here in San Diego, Bill helped numerous Hams with advice, gave away lots of equipment to deserving Hams and the youth groups. He was in need an Elmer's Elmer. His presentations at the PARC club were always intriguing such as non-metallic antennas, working DX when there was no DX and several other topics which he loved to hold "secret" beforehand and surprise the audience. He had a myriad of test equipment and was continually experimenting with state of the art Ham gear. His antenna testing at field day was always a big attraction. When he couldn't find a suitable program for an application, he wrote his own.

He tells the story of working JY1, King Hussein on 20M, -- Bill asked him how he got such a fancy call, Hussein replied -- "It helps to be King".

In recent years, Bill had a cat named "ScrewBall" and Bill constructed a robot to intrigue the cat as well as retrieve his slippers.

He took his HOA to task and won -- causing them considerable expense to rewrite their CC&R's.

### Contest Corral

Sep 6 All Asian DX Contest, SSB  
 Sep 7 North American Sprint, CW  
 Sep 13 WAE DX Contest, SSB  
 Sep 13 ARRL VHF QSO Party  
 Sep 14 North American Sprint, SSB  
 Sep 14 TN QSO Party  
 Sep 20 ARRL 10 GHz Cumulative Contest  
 Sep 20 Scandanavian CW Contest  
 Sep 20 Washington State Salmon Run  
 Sep 27 CQ/RJ WW DX Contest, RTTY  
 Sep 27 Scandanavian SSB Contest  
 Sep 27 AL and TX QSO Parties  
 Oct 4 TARA PSK31 Rumble  
 Oct 4 Oceania DX Contest, Phone  
 Oct 4 California QSO Party  
 Oct 4 QCWA QSO Party  
 Oct 5 RSGB 21/28 MHz Contest

As you all know, we are nearing the bottom of the 11 year sunspot cycle with lots of noise and poor propagation; however, many contacts can be made during the various contests. State QSO parties, CW and SSB activities, sprints, RTTY, and the big one the first weekend in October, The California QSO Party where everyone works California and we work the world! See QST, CQ, NCJ and Worldradio magazines for rules. CU in the Contest! 73, Harry, W6YOO

### 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:** 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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 Fax (909)653-5189

www.nicdlady.com

e-mail: nicdlady@nicdlady.com

### 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>

### August Goodie's

Preston, W6ASP

### Last Month's Fold & Staple Crew

KR6BT Merle WA5ACE Sonny  
 KB6NMK Jo & Toby  
 KB6YHZ Art & KB6YHY Anita  
 W6GNI Al W6HCD Nash  
 W6YOO Harry

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# For Sale

(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) **2 Citoh Dot Matrix Printers** Model 310 w/manual \$30.00/ea. **Regency Model HR-6** 6 Mtr FM Transceiver w/10 pairs of xtals. \$40.00, **Yaesu FT-230R** 2 Mtr FM Transceiver w/SS32 PL board. \$100.00, **Realistic HTX-202** 2 Mtr FM Handheld w/alkaline Batt pack. \$50.00, **AEA PK-232MBX** w/manual and ac power pack. \$50.00, **Demon Dialer** w/manual and ac adaptor. \$30.00, **MFJ-941D Versa Tuner II** antenna tuner. \$60.00, **Kenwood ST-2 Base Charger** for Kenwood TR-2500 handheld. \$30.00, **Kenwood W09-0315 Wall Trickle Charger** for TR-2500 handheld. \$10.00, Dennis K7DCG @ 858-748-9046 or email: K7DCG@arrl.net

***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**

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

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

(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.

## WANTED:

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

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

(3.1) Medium to heavy duty shelving needed. Prefer 18 inch deep. For use in the PARC cargo container. Call Dennis KD6TUI for drop off or pick up. 760.722.0251

## Silent Key Bill Brooks Cont.

Bill will be sorely missed but fondly remembered by the members of the PARC and many, many others that he touched through out his life. Bill Brooks -- an exemplary credit to his nation, the community and Amateur Radio.

## Club Membership

New Members Joining PARC:

KG6RKY, W6OOQ, KG6RLA, KG6SDT, N6UWW, WB6CLT, N6OPP.

Several reinstatements, and KI6RF renewed for 10 years!

Did you check your label for participation points last month?

If you feel that there have been points overlooked, send me e-mail for corrections. As a reminder, in accordance with the by laws, the year for points is August 1 through July 31. So, the points for attending the August 6th, 2003 club meeting will be starting points for the 2004 year. The fold and staple crew will get their points added in 2003, since the newsletter was prepared and mailed July 30th.

AI, W6GNI

## 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



**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

See catalog at [www.Palomar-Engineers.com](http://www.Palomar-Engineers.com)

Please check our complete ads in **QST, 73, CQ, and World Radio** magazines.

## PARC NETS

Sunday	0830	146.730	ARES
Sunday	1000	146.730	Sailor's Net
Sunday	2045	147.075	MARA Emergency Services
Monday	1915	146.730	RACES Sub-Net
Monday	2100	146.730	Microwave Net
Tuesday	2100	146.730	Off-Road Net
2nd Wed	2100	146.730	PARC Board Net
Thursday	1930	147.075	Young Hams Net
Thursday	2100	146.730	Ham Help Net
Friday	2100	146.730	Hiker's Net
Saturday	2000	52.680	6 Meter ARES Net
Saturday	2015	147.130	ARES Staff Net
Tue/Thu/Sat	2000	146.730	NTS Traffic Net (SDCTN)

### PARC Testing

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

Contact Rusty **AA6OM**  
760-747-5872 or [dunedancer@cox.net](mailto: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](mailto:W6YOO@amsat.org)

Register 5-7 days in advance for tests.

### Repeater Status

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

# 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,**  
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**TEN-TEC**  
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**Tri-EX,**  
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great prices

**Directions:** On 163, take **Clairemont Mesa Blvd.** off ramp to East. Stay in right-hand lane. Turn right at stop light. As you are turning right you can see our beams in the shopping center. Travel 100 yds. on Kearny Villa Rd. and U-turn back to shopping area and **HRO** sign. Be sure to see our equipment in action on **real** antennas.

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# SCOPE

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