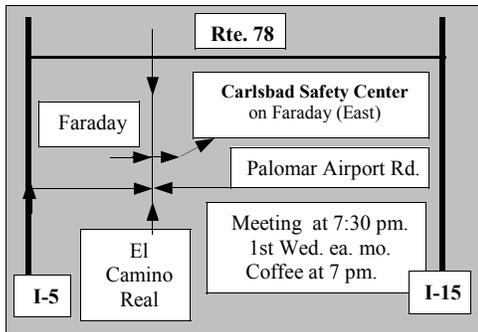




# Palomar Amateur Radio Club

## June 2002



### June Meeting

This month's speaker will be KG6JZZ, John Dill who will speak to us about a wireless communications protocol called Bluetooth. The primary use of Blue Tooth is to allow PC's to access other PC's and peripherals. The treatments of the spread spectrum transceivers will be of particular interest.

### PARC Repeaters

Palomar Mt. Repeaters (W6NWX)

PARC Trustee: AB6QT

\*52.680- W6NWX, -0.5 MHz.

2 Meter with 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

ATV Intercom:

146.415 PL 79.7 nbfm

Affiliated:

\*224.38- & \*224.94 KK6KD  
(HARS)

\*447.05- & \*145.26 KK6KD  
(HARS)

\*146.175+ N6FQ (Fallbrook ARC)

linked to \*445.600 MHz (-)

\*224.90- WD6HFR (Convair/220  
ARC);

446.14- WB6FMT(123.0)Vista;

\* = 107.2 Hz. PL Tone

"testing station" set up where you can measure all features of your handy talkie, mobile, or base VHF/UHF rig, including antenna resonance, FM deviation, and DTMF touch tone quality. So, if you've always wondered how that rig really stands up, be there or be square. The testing station will also operate on Sunday 8:00 - 11:00 A.M.

( continued )

### President's Message

Been on the bands lately? When was the last time you enjoyed a good QSO just for the fun of it?

**Hobby:** According to Webster's New Collegiate Dictionary, a hobby is "something enjoyable done during spare time".

Whether in the car commuting on I-15 (I'd have higher blood pressure than I already have were it not for some of the tomfoolery on the repeaters), on my many business trips (a great way to find that perfect restaurant, or special brew), or simply enjoying a nice CW QSO in the shack, I find ham radio to be one "hobby" that can be enjoyed anywhere, at any time.

So let me spend a few paragraphs talking about this month's principal ham radio event, with the hobby in mind.

This year, PARC is planning a Field Day dedicated to offering some 48 hours of plain old ham radio fun to all PARC members and any of the public who visit our site.

By now you all know that our FD site is Lincoln Middle School in Vista, and

you probably have heard many of the enthusiasts talking about the varied things planned. If you've never participated in a FD, or haven't been on the HF bands lately, or ever, or are just starting to enjoy that brand new handy talkie, I assure you **this FD is for you.**

Set-up will start on Friday evening, June 21<sup>st</sup>. around 4:00 PM. Towers, beams, long-wires, inverted Vs, generators, you name it and we will be "fumbling around" trying to get ready for the start of FD at 11:00 AM on Saturday 22<sup>nd</sup>.

While some of us will stay overnight at the site, the real fun will start on Saturday morning when we tune-up antennas and get ready to operate as a 3A club station. But there is a lot more going on.

PARC will operate a new ARRL feature of FD, the Get On The Air (GOTA) station, designed to give everyone a "chance to GOTA". In our case, the volunteers planning the GOTA station are going to emphasize the practical aspects of ham radio. From manufacturing dipoles and inverted Vs, to fiddling with beams and quads and J-poles, if you've never gotten your hands "dirty" in the hobby, **PARC GOTA FD station is the place to learn.**

Saturday afternoon from 3:00 - 6:00 P.M., there will be a VHF/UHF

## PARC Testing

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

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

**Escondido** - LAST Saturday at 9:00am, Chamber of Commerce, 720 N. Broadway, Esc 92025.

Contact Harry **W6YOO** 760-743-4212.

**Register 5-7 days in advance for tests.**

Saturday afternoon 4:30 – 7:00 P.M., PARC will host the annual FD picnic for all PARC members and guests. While the world famous **PARC FD Road Kill Café** dishes out the main ingredients of a fantastic cook-out, (hamburgers, hot dogs, colas, etc.) we ask you bring a pot-luck to share with the picnic attendees.

For the hearty (some may say fool-hearty), Saturday night at midnight will once again see the famous **"Midnight Chili Cook Off"** featuring the famous "chili that won both first prizes" at last year's PARC picnic. Think you can beat that Chili? Well, if the judges choose your chili over the official chili to beat (this will be a double blind taste test!), you will win a very nice prize that has been donated for the cause of promoting

## Web Pages

**Palomar Amateur Radio Club Home Page** -  
<http://www.palomararc.org>

**Rod's - AC6V "The everything page"**  
<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>

Sign up for PARC Membership on-line by visiting the PARC web page and clicking on the JOIN link, or sending email to [membership@palomararc.net](mailto:membership@palomararc.net).

the **"I.O.O.K. Best Chili west of Dayton"** prize.

Finally on Sunday, we will wrap the FD event up at 11:00 A.M., and then take everything down and (sadly) put it away until next year.

To operate during FD, **you do not have to sign up for 24-hour duty!** KF6BFI (Ted) does ask that you contact him and volunteer for a 2 or 3 hour operating slot during the 24 hours. Choices are 20M/40M/80M SSB; 20M/40M, 160M CW and digital; 15M/40M SSB; 10M CW/SSB/QRP; 6M/VHF/UHF/Solar Powered/QRPP; and Satellite. Do you need any other mode?

The big crunch times are Friday 4:00 – 8:00 P.M., and Sunday 11:00 A.M. – 1:00 P.M. when we erect, and then take down, all the towers and antennas. **We need volunteer help to do so safely! No experience required other than a strong back, and a hearty will!**

Oh, did I mention that as a Club member, when you sign in at FD (you sign in for participating on Friday, Saturday, and Sunday) you earn 1 point (for a total of 3) towards the PARC Picnic Raffle? But you have to sign in and participate in any of the activities, even if it is just to help at the hospitality table by the Road Kill Café.

So, sound like fun? Does it sound like the hobby you always thought it should be?

### See you at FD?

73 de NN3V

## Brain Teaser

**Last Month:** There are no **e's** in the article.

**NEW:** When Pvt. Nimrod got his furlough, he decided to go hunting. It took a while to find a good place

## P.A.R.C. Inc (2002 Board)

<b>Pres:</b> Charlie Ristorcelli 858.676.3307	<b>NN3V</b> NN3V@amsat.org
<b>VP:</b> Mark Raptis 760.749.4825	<b>KF6WTN</b> KF6WTN@amsat.org
<b>Sec:</b> Paul Williamson 858.571.8585 760.742-9924 Palomar Mt.	<b>KB5MU</b> KB5MU@amsat.org
<b>Treas:</b> Jo Ashley 760.741.2560	<b>KB6NMK</b> KB6NMK@amsat.org
<b>Dir#1:</b> Paul DeCicco 619-595.0500	<b>NN6X</b> NN6X@amsat.org
<b>Dir#2:</b> Jim Cooper 760-727-8446	<b>NE6O</b> NE6O@amsat.org
<b>Repeater Site:</b> Mike Pennington 760.749-8888	<b>KD6VHI</b> KD6VHI@amsat.org
<b>Membership:</b> Al Donlevy 760.630.3096	<b>W6GNI</b> W6GNI@amsat.org
<b>New Members:</b> Mike McMahan 760.207.9544	<b>KG6JMP</b> KG6JMP@amsat.org
<b>Repeater Technical:</b> Mike Doyle 760.742.1573	<b>AB6QT</b> AB6QT@amsat.org

## Repeater Status 5.23.02

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

to set up camp. But within the hour, he was out hunting. Leaving camp, he walked 10 miles due South, then not seeing any bears, he walked 10 miles due West. There he shot a bear. Then he proceeded (don't ask how) to get the dead bear back to camp, a distance of exactly 10 miles.

**Now — What color was the bear?**

### Last Month's Fold & Staple Crew

KB6AEW	Anita	W6GNI	Al
K6ML	Jim P	KG6AEW	Bill
KB6NMK	Jo	KB6YHZ	Art
N6UZH	Terri		

## Goodie Givers March Meeting

KG6IJ Preston  
KE6ZLY Paden

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

Jo Ashley KB6NMK@amsat.org

### ASSETS

Cash and Bank Accounts	
CD	\$2,538.03
CD	\$2,692.19
CD	\$2,665.44
CD	\$3,227.44
Checking	\$4,605.00
Post Office	\$ 103.47
<b>TOTAL ASSETS</b>	<b>\$15,831.57</b>

### LIABILITIES & EQUITY

LIABILITIES	
Pre-paid dues	\$ 9,420.00
Prop. Insurance	\$ 600.00
<b>TOTAL LIABILITIES</b>	<b>\$10,020.00</b>
EQUITY	\$ 5,811.57
<b>TOTAL LIABILITIES &amp; EQUITY</b>	<b>\$15,831.57</b>

**\$15,831.57**

## Repeater Report

(4/30) Removed forms from the cement pad for the Charging Hut. Dug a trench and ran 20' of conduit from the Block Building to the Charging Hut. Buried conduit and leveled ground around Charging Hut. Mounted sub-panel in Charging Hut. Hauled truck load of trash from the repeater site. Weather was cold and windy.

(5/11) Mike and Steve, KD6ZST pulled in wire for sub panel and connected to main panel. Placed circuit

## 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.

breaker and reconnected wire for outlet in Tin building. Ran conduit and wiring for ac outlets in the Charging Hut. Hauled a truckload of trash from the site. Weather was perfect with no mosquitoes.

### 73 de Mike KD6VHI

(4/24) The 147.075 repeater has given intermittent service from time to time, and so I took a drastic measure and replaced the controller unit in its entirety. Only time will tell if this nailed the problem, but if it shows up again, I will now know a lot of things that the problem is NOT. Thanks to all of you who called me or emailed me to let me know that there was a problem. Please continue to do so as needed.

(4/29) The 147.130 repeater developed an intermittent somewhere in the interface between the system controller, and the Motorola backplane interface, and the problem is PL related in that the PL was not always getting into the system controller, but it was making its way to the Auto Patch electronics OK. Seemingly, removing some cards, cleaning contacts, and reinserting them has fixed the problem. Are not intermittent's fun? Thanks to all who let me know of the malfunction

5-15-02 Work party: AB6QT assisted by NZ6D (No Zebras 6 Donkeys) Formerly KC6VEC (non member) (hint), went to the site and

worked on the 147.130 repeater which has been very intermittent for a long time. This time, AB6QT found a bad ground on one of the Motorola boards which provides the interface for the controller. There was an eyelet which is used to solder wires to in order to make a mechanical connection, which was never soldered on the reverse side of the board, evidently since DAY ONE of the manufacture of the repeater. This eyelet is supposed to provide a ground for several of the circuits that interface the main controller with things like the Autopatch, and the rest of the transceiver. These circuits handle things like the COS signal (carrier operated squelch), and PL signals. We think the problem of intermittent operation is finally fixed. Any problems please contact AB6QT@amsat.org.

### 73 de Mike AB6QT

## Club Membership

More New Members Joining PARC:

**KI7BX, KG6DRR,  
KG6KTU, W6TVA,  
WB6EGD, KG6JMQ,  
K6WJH**

When you hear these calls on a repeater, be sure to greet our new members. In addition, several past members reinstated their membership.

Please help in the next couple of months with timely, or better, advanced renewals. Due to past practices, long ago, there are a large number of club members that renew in July, (93 members to be exact). Last year, as a result of my request, a good number of members renewed for more than one year at a time. This is great, and appreciated!

## Committee Chairmen

ARESinfo.	-Dennis S	<b>K7DCG@amsat.org</b>
Attendance	-Al	<b>W6GNI@amsat.org</b>
ATV	-Bill S	<b>KB6MCU W6GIC@amsat.org</b>
Auction	-Jim C.	<b>NE6O@amsat.org</b>
Badges	-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>WA9JCL 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	-Bill S	<b>KB6MCU W6GIC@amsat.org</b>
Inventory	-Dennis B	<b>KD6TJ@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	-	<b>autopatch@palomararc.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	-Nash W	<b>W6HCD NashWilliams@Compuserve.com</b>
Rptr Site	-Mike P	<b>KD6VHI@amsat.org</b>
Rptr Skeds	-	
SANDARC	-Sybil A	<b>W6GIC@amsat.org</b>
	-Skip C	
SellerTable	-John K	<b>WB6IQS@Juno.com</b>
AstSWDvDir	-Walt	<b>WA6ODQ@arrl.net</b>
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>
Web Site	-	

### (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	<b>@qualcomm.com</b>
Off Road	-Jerry A	<b>jwak6pfp@cts.com</b>
	-Dick W	<b>KA7AYT rwilimek@home.com</b>
Sailors	-	
Traffic(SDCTN)-Charles	<b>N6TEP</b>	<b>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**

As you know, the SCOPE is printed and mailed a full week before the monthly meeting, and we have to know how many to print, and have the mailing labels printed. Timely renewals insure that no one is overlooked in the mailing.

New members, and those that have **never** signed up for the autopatch, can visit the membership table at a club meeting and apply for a PIN and the patch information. This is obviously a "Members Only" privilege.

Also, at the membership table, any member can pick up a 3 ½ floppy disk (or a printed copy) of the membership roster for only 25 cents. The roster includes call, name, and phone number, no addresses!

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

Notice your club expiration date (Month and Year) and sometimes other information.

**73 de Al W6GNI**

## PARC Shines

After reading about the Mt. Carmel High School Amateur Radio Club in last months Scope, I decided to visit the club on campus and see if I could help out. During my visit to the club on campus we decided to meet on the PARC's 146.73 repeater during the lunch hour club meeting on Friday April 26, 2002. I let a few other hams know about the club wanting to use the repeater and asked them to stand by to assist with a demonstration. Being a worrier by nature, I hoped that the demo would go well as we certainly need to attract more youthful members to our hobby.

Well I am happy to report that the demo was a fantastic success thanks to all the PARC members who helped. Stations all over the county reported in politely and professionally. The school club members, including Sam, AD6XS and Mike, KG6KTZ were thrilled with the contacts as was their teacher, John Earnest, KG6EQU. The club president came on to thank all the PARC members who helped with the

demo.

Personally, I couldn't have been happier with the way things went. Everyone offered advice to the club members, and one PARC member, Bill K6WKH, offered to loan, and has already delivered, a GPS unit for the club to use! Thanks Guys!!!

As a result of last month's article I was able to come up with a 2 meter, and 440 MHZ never used satellite beam antennas for the club. Now we just need an azimuth and elevation rotor to get them on the way to space station Alpha.

**If you can help contact KB6GZ at [piecon@mindspring.com](mailto:piecon@mindspring.com) or [KG6EQU at hilkiah@juno.com](mailto:KG6EQU@hilkiah@juno.com).**

Thanks, 73 de Rick KB6GZ

## KNOW YOUR VFO

Suppose you are a ham radio operator anxious to help with public service events. Now suppose that you have been assigned to become part of the communications backbone for a community bicycle ride. Suddenly, there is a fatality on the course and you are told to switch to another repeater. Part of the course is being closed and the next wave of bike riders must be rerouted NOW.

There is just one little problem: **You don't know how to switch frequencies.** No one gave you the alternate frequency ahead of time, so it wasn't pre-programmed, and you don't know how to use the VFO. This situation actually unfolded a few weeks ago at the Guacamole Grande bike ride in Fallbrook.

So, if you come to a public service event - and rest assured that your help will be Very Much appreciated - please program alternate frequencies into your equipment's memories ahead of time. Your event coordinator should provide these. But most important, know how to use the VFO. The inability

to change frequencies, PL tones and offsets "on the fly" is one of the biggest problems facing us at public service events today.

Thanks, 73 de Bob W6VR

## FALLBROOK SCHOOL

### AWARDED AMATEUR RADIO EDUCATION PROJECT GRANT

Fallbrook, CA. Students attending Iowa Street School/ Home Education Program in Fallbrook will soon be able to learn about the many facets of Amateur Radio (Ham Radio) as it is integrated into their school Curriculum. Computer/Music teacher Phil Leonelli (also an Amateur Radio Operator) applied for a grant developed by the American Radio Relay League (ARRL), the national organization representing hundreds of Amateur Radio Operators in the U.S. The Amateur Radio Education Project is an educational

Jeff N6FRW

Grace N6WPA

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program to enhance student learning through authentic application of mathematical and scientific concepts. The project emphasizes integration of math, science, writing and speaking, geography, technology, and social responsibility within a global society. The grant will equip the Iowa Street School site with \$200 of educational materials and a complete Amateur Radio station. The station will include an array of antennas and multi-band, multi-mode radios allowing students the capabilities of world wide wireless com-

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munication. The school will work in partnership with the Fallbrook Amateur Radio Club. Leonelli, an Extra Class Amateur Radio Operator and a teacher for the Fallbrook Elementary School District for the past 23 years, has always been interested in the integration of Amateur Radio in the curriculum. He was instrumental in one of the first school to Space Shuttle contacts in the west coast. The contact took place April 6, 1991. Students at Potter Jr. High School under the direction of Leonelli, WF6L, contacted astronaut Ken Cameron aboard the Spacecraft Atlantis (STS-37). The contact was coordinated by Shuttle Amateur Radio Experiment program (SAREX) affiliated with the ARRL.

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## ARRL NEWS

Iowa Street School/Home Education Program (K-8), part of the Fallbrook Elementary School District, has been selected as a Pilot School for the ARRL's "Big Project" now called Amateur Radio Education & Technology Program. The school is the only school to be selected in California. The ARRL has supplied Iowa Street School with a Yaesu 847 (HF+VHF+UHF ALL MODE TRANSCIEVER) with power supply, a Cushcraft R6000 vertical (6-20 Meters) and an A627013S Yagi (6, 2 and 450), 300 feet of coax with connector and \$200 of textbooks including the *ARRL Handbook*, *ARRL Antenna Book*, *ARRL Operating Manual*, *Radio Amateur's Satellite Handbook*, *Now You're Talking!*, *ARRL General Class License Manual*, *ARRL Extra Class License Manual*, *ARRL's FCC Rule Book*, *Understanding Basic Electronics*, *RFI Book*, *Morse Code: The Essential Language*, *Your Intro. to Morse Code (audio CD's)*, *NØAX's Radio Puzzler*, *ARRL Instructor's Manual*, *Transmitter Hunting*, *ARRL Map of the World (azimuthal)*, *ARRL Net Directory and Night Signals*.

Teacher, Phil Leonelli, WF6L, instructs students in the Technology

Lab at Iowa Street School. He also teaches piano and vocal music classes to grades K-8. Leonelli is member of the Palomar Amateur Radio Club as well as the Fallbrook Amateur Radio Club.

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## Workers Needed

From the committee formed by Art, KC6UQH, Paul WN6K, and myself, AB6QT, we are happy to report that some of the positions that there formed over the last several months have been filled. Mike Pennington KD6VHI Site Chairman; Dennis Baca D6TUJ Club Assets Chairman; Bill Bennet N6PIG Communications Trailer Chairman; and KQ6AM Paul Gerard Manpower Chairman. If you are interested in participating in a work party, please call the new Manpower Chairman and he will contact AB6QT to get you on the list. Both Mike P. (a.k.a Valley Mike), and Mike D. (a.k.a Mountain Mike) will be using people from the list that the Manpower Chairman keeps. Thanks in advance for your volunteer participation. de AB6QT@amsat.org

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## HELP! July 1-7

Help with the Del Mar Fair Ham Booth is needed.

Please contact Skip Cline (760-757-5424) at KD6RFQ@arrl.net if you would be interested in manning the Ham Booth at the Del Mar Fair. We have openings for people any time. The day is divided in to three shifts. 10-2, 2-6, 6-10. The dates are July 1st through the July 7th.

## Bad News

Nevin Kitterer (Kit), W6AUF, was active on the SD County traffic net a few years ago and is listed as a member in my copy of the PARC roster. I first met him when he went to work for Western Radio back in the late 1950's. He managed the Amateur Radio department before Gary who now works for R.F. Parts took over Western's Amateur Radio Dept. I was in High School then and I worked for my Father after School, who built radio transmitters for yachts and fishing boats. Kit was the last survivor of the employees of Western Radio from that era. I had lost contact with him until he joined PARC and after that we exchanged e-mails for several years. He was always friendly, willing to help others, and a great asset to Amateur Radio. He will be missed by all of us who knew him.

Art McBride, KC6UQH

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## Field Day Planners



[www.palomararc.org/fieldday.htm](http://www.palomararc.org/fieldday.htm)

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## PARC Minutes

Palomar Amateur Radio Club, Inc.  
Board of Directors May 8, 2002.

The regular monthly meeting of the Board of Directors was called to order by KF6WTN at 7:17 PM on May 8, 2002, at the home of KF6WTN.

### Present were:

Vice President Mark Raptis, KF6WTN  
Treasurer Jo Ashley, KB6NMK  
Secretary Paul Williamson, KB5MU

Director #1 Paul DeCicco, NN6X  
 Director #2 Jim Cooper, NE6O  
 Repeater Site Chairman Mike Pennington, KD6VHI  
 Visitor/Club Assets Chairman Dennis Baca, KD6TUJ

### Treasurer's Report

KB6NMK circulated copies of the Treasurer's Report. **Motion** by KB5MU to approve the Treasurer's Report. **Seconded** by NE6O. **Motion passed** unanimously. KB6NMK stated that she had asked NA6RS not to publish the account numbers from the Treasurer's Report in future issues of the Scope.

### Secretary's Report:

KB5MU stated that the minutes of the April Board meeting were as published in the Scope. **Motion** by KB6NMK to approve the minutes as published. **Seconded** by KD6VHI. **Motion passed** unanimously.

### Club Meeting Program:

KF6WTN stated that the program for the June meeting would be presented by John Dill, KG6JZZ, who will speak on Bluetooth, the high-speed short-haul wireless networking technology.

### Repeater Site Report:

KD6VHI reported that conduits for a new AC power distribution subpanel were installed the previous Wednesday. Power work has been delayed by weather over the last several months. The problem with excessive ground currents will be addressed again if it is still evident after the power distribution work.

### Club QSL Cards:

KB6NMK circulated several different versions of draft artwork for a new club QSL card. Board members generally preferred design #1 with drop shadow lettering and the club's web site URL moved to under the call-sign.

### Pop-Up Trailer:

The club owns a pop-up trailer which is surplus to our needs. KF6WTN volunteered to inspect the trailer and propose a selling price. **Motion** by KB5MU that the club post the pop-up

trailer for sale at a price to be determined by KF6WTN. **Seconded** by KB6NMK. **Motion passed** unanimously.

### Web Site Maintenance:

New club member Michelle Poirier, KF6WTO, has volunteered to help out with the web site, currently being handled by NN6X and KB5MU. The Board discussed ways of organizing the web site maintenance work and keeping it in sync with club news and policies. **Motion** by KB6NMK that the club ask NN6X to talk with KF6WTO and try to work out a suitable scheme. **Seconded** by KD6VHI. **Motion passed** unanimously. At this point, Mike Doyle, AB6QT, Repeater Technical Chairman, joined the meeting by teleconference.

### Field Day Funding:

KF6WTN read an email note from NN3V requesting funds not to exceed \$400 for the club's Field Day event, to be allocated as follows: \$200 for the picnic, \$25 for advertising supplies, \$30 for equipment repairs, and \$145 in management reserve. NN3V has asked the logistics coordinators to obtain other items, including gasoline and oil for generators, as voluntary donations, but may need to use the management reserve to cover those expenses. **Motion** by KB5MU to allocate up to \$400 as described in the email from NN3V. **Seconded** by NE6O. **Motion passed** unanimously.

### Field Day T-Shirts:

Harold Locke, KG6DVD, has designed a logo to be used on club Field Day t-shirts. KD6TUJ reported some vendor quotation figures. **Motion** by NE6O to allocate \$325 to be administered by NN3V to work with KG6DVD to obtain 50 shirts, before the next general meeting of the club. **Seconded** by NN6X. **Motion passed** unanimously.

### Repeater Technical Report:

AB6QT had submitted a report by email, which was read by KF6WTN. Sporadic noises heard on the repeaters are suspected to be mixing products, and are being investigated. Several new locks for repeater buildings have been pur-

chased and installed. A training class for new control operators is still in the planning stages. The 147.075 MHz repeater has been off the air a lot recently, and so its entire controller has been swapped out. On the 147.130 MHz repeater, a card-edge connector problem is suspected of preventing the CTCSS tone from reaching the controller. The problem was eliminated for the moment by cleaning the contacts. Circulators have still not been priced. It was proposed that some information might be gathered at the Dayton Hamvention, including a price quote, lead time, and a point of contact. AB6QT agreed to deputize NN3V, KF6BFI, and KF6WTN to gather information in Dayton, and will send them an email with the specifications.

### Repeater Site Responsibilities Delegation:

AB6QT reported that the following members had agreed to serve in the following newly created positions:

**Club Assets Chairman:** Dennis Baca, KD6TUJ

**Communications Trailer Custodian:** Bill Bennett, N6PIG

**Manpower Chairman:** Paul Gerard, KQ6AM (trial basis)

**Real Property Chairman:** (still open)

These positions are appointed by the Repeater Technical Chairman and do not require formal Board approval. **Motion** by KB5MU to thank AB6QT and his committee for their fine work and to approve the appointment of the above three members. **Seconded** by NE6O. **Motion passed** unanimously.

At this point, the teleconference with AB6QT was terminated.

### Membership Report:

KB5MU read an email report from membership chairman W6GNI. The club has 504 members. The club has received a letter of thanks from the Gold Wing Road Riders Association for the use of the 147.075 MHz repeater on April 6th.

( Cont. Page 9 )

**Palomar Mountain Planning Organization:**

# For Sale

(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

(3.18) W6NFB Estate Sale, **Kenwood TS 450 AT**, **Astron RS 35A** Power Supply. **Mic. and Dummy Load.** \$500, **ALFA 78A KW** + Amplifier. \$500 Universal Aluminum Free Standing **40 foot Tower** with Rotor, Beam, Vertical and

*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**

Coax. \$275, **Drake SPR-4** Communications Receiver \$25, (needs work) Contact: Wayne in Vista 760 - 724 - 0777

(2.18) **KLM 34A Antenna**, 2 yrs. Since complete rebuild, replaced with newer model \$150, **17 mtr. Beam**, \$75, **Mosley PRO 57**, 5 band beam, \$100, Estate sale for N6SMB, **2m BRICK**, fm 50w, \$50, **Hallcrafters S120** receiver, needs work, \$25, **HEATH RF Sig. Gen.**, \$25, **300W Dummy Load**, \$20 Ron , na6rs@amsat.org or 760-822-5170

(2.18) **ICOM IC 271A** 2 Meters All mode transceiver w\built-in Icom P.S. and pre-amp. \$300 **ICOM IC 471A** 400 MHz. All mode w\built-in P.S., one owner \$300, **TE POWER AMP** model 1412G 0-30 IN, 160w. Out. W\pre-amp. \$150 3 CDR Rotors, light and heavy duty, make offer. Bayard K6GAO 858-755-5507 or e-mail rehkopf@mail.sdsu.edu.

(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) **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; **Yaesu 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.

## WANTED:

(5.22) **CRT for a 1956 RCA color TV** which I want to restore. Any 21 inch ROUND type crt from a set made from 1955 thru 1966 can be made to work. If you have an old junker that you want to get rid of from this vintage, please contact me at 760-742-1573 before 4 pm. De AB6QT

(01.19) **Kenwood TS 530**, good condition only. Contact: Orly at [orly42320@aol.com](mailto: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

# HAM

# RADIO

H  
R  
O

# OUTLET

Tom KM6K  
Ron N6OMW  
Jose XE2SJB  
Bob KA6EKT

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**Model BA-8** (for RG-8, RG-213, 9913 and similar cables up to 1/2" diameter. \$15.00 + tax + \$6 S&H/order

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## Contest Coral

- June 1 Telephone Area Code Contest
- June 1 WW South American CW
- June 8 Portugal Day Contest
- June 8 ARRL VHF QSO Party
- June 15 All Asia CW Contest
- June 15 SMIRK (6 M) QSO Party
- June 15 WV QSO Party
- June 22 ARRL Field Day
- July 1 RAC Canada Day
- July 1 Fourth of July QRP Sprint
- July 6 Venezuela SSB Contest
- July 13 IARU HF Championship
- July 13 CQ WW VHF Contest

Not many DX Contests this month; however, the West Virginia QSO Party affords the WAS seekers a chance to work several stations from this semi-rare state. Rules are published in Amateur Radio magazines such as QST, CQ, NCJ, and Worldradio. See you in the contest.

73, Harry, W6YOO

## PARC NETS

Sunday	0830	146.730	ARES
Sunday	1000	146.730	Sailor's Net
Sunday	2045	147.075	MARA Emergency Services
Monday	915	146.730	RACES Sub-Net
Monday	2100	146.730	Microwave Net
Tuesday	2100	146.730	Off-Road Net
Wednesday	2000	146.730	Field Day Planning
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)
Nightly	>2200	147.130	Facetious Group

The PMPO is a community organization on Palomar Mountain. The club recently received a newsletter and request for donations from PMPO. KB6NMK reported that the club donated \$25 in 1998 and \$20 in 2001. **Motion** by KD6VHI that the club donate \$25 to PMPO. **Seconded** by KB6NMK. Motion **passed**, with three votes in favor, one vote opposed, and one abstaining.

### Del Mar Fair:

Skip Cline, KD6RFQ, and Blackie Blackstock, KE6IQQ, are rounding up people to man the SANDARC amateur radio booth at the Del Mar Fair this year on behalf of the club. KB5MU volunteered to get the details and submit them for the June Scope.

### ARRL Southwestern Division Convention:

NE6O volunteered to attend the next meeting of the ARRL Southwestern Division Convention planning group as a representative of the club.

### Storage Facility:

KD6TUJ reported some progress on finding a location for a club storage facility, and is working on a proposal. One possibility might involve a swap of commercial repeater space on our Palomar Mountain site.

### Next Board Meeting:

The May Board meeting will be held at the home of KB6NMK, on Wednesday June 12, 2002, at 7:00 PM.

### Adjournment:

The meeting was adjourned at 9:07 PM.

Respectfully Submitted, Paul Williamson, KB5MU Secretary

## Editor's Notes

Dayton was wet and cold, but I managed to spend my money just the same. And many thanks to Charlie and Ted for making me a member of that elite organization known only in professional circles as I.O.O.K.

In other news, **my 3 months is up**. As I have had a crash course on humility, I have decided to continue as your editor unless one of you feel the need to give up your precious time also. Jump right in; you won't hurt my feelings.

**73's and God Bless, Ron NA6RS**

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