



# Palomar Amateur Radio Club

## May 2003

### President's Message

Happy May to all. The year is getting on in time, and many traditions are once again being celebrated.

Do you know the biggest tradition of Ham Radio for this time of the year? No, it is not Field Day. That's next month. This month it is the Dayton Hamvention. If you've been around any amount of time, you know that the Hamvention (when you hear someone talk about Hamvention it means only one thing: Dayton) goes back 50+ years.

I've been fortunate to attend every Hamvention since 1988, and would not miss this one coming up. There can be no doubt that if it is electronic, it is old at Dayton. And if it is not sold at the Hamvention, it has not been invented yet, though I know of one organization that runs a Technology Center as part of the flea market, where many an invention has been brewed in real time. As for the "goings on" at Hamvention, you can picture the atmosphere by that Center's motto of "Yesterday's Technology Tomorrow".

Really, Dayton is quite an experience. Though current literature might imply differently, the size of the Hamvention has – unfortunately – been decreasing over the past three or four years, but it still is the largest gathering of amateurs in the world, with some 35,000 attendees over a three day period. Covering every possible aspect of ham radio, with continuous special programs going all day in multiple ex-

hibition rooms, there is no better place to find out what is going on, or will be new, in ham radio. If you are interested in the activities, even if not able to go, you can browse to your heart's content at <http://www.hamvention.org/>

Locally, the ham club at Mt. Carmel Middle School put on a great "Ham Day" on Saturday, April 18<sup>th</sup>. It is a real treat to see the enthusiasm of the young hams. And PARC can take pride in the contribution many of our members make to their activities, beginning with N6KI who is constantly "elmering" the kids, to NE6O and KB5MU who put on one heck of a series of demonstrations and talks for them on Saturday. Many thanks to all who participated.

What's ahead locally? Have you set aside Field Day time? Is there a reason you are not going to participate in "The Most Fun You Can Have With Your Radio On?" Remember that even if you are only a Novice, or just starting to wonder about ham radio, FD is the one day you can operate all bands, all modes, at PARC's FD site, with the knowledge that experienced operators will be available to answer your questions, and who knows? Maybe snare that first rare DX contact in your enjoyment of the hobby. Remember the dates: June 27<sup>th</sup> - 29<sup>th</sup>. At Carlsbad Safety Center.

73 de NN3V

### May Meeting

Wednesday May 7, 2003  
Carlsbad Safety Center  
1930 Local

The meeting topic for this month will be internet assisted radio. As you are all aware, it has become very popular to link repeaters over the internet. We will attempt to cover some of the systems that accomplish this, their requirements and how to become involved.

### PARC Repeaters

Palomar Mt. Repeaters (W6NWG)

PARC Trustee: AB6QT

\*52.680- W6NWG, -0.5 MHz.

#### Autopatches:

146.730-, \*147.075+  
\* 147.130+, \*447.000-

#### PKT:

145.050s (PALMAR/W6NWG-1)  
146.700- (Duplex Pkt) PALBBS/  
EMG use  
145.070/146.7 - (W6NWG-3/PALBBS)

#### ATV "OUTPUT":

1241.25 MHz. am

#### ATV "IN":

915 wbfm, 919 am, 2441.25 wbfm

#### Intercom:

146.415 PL 79.7 nbfm

#### Affiliated:

\*224.38- & \*224.94 KK6KD (HARS)  
\*447.05- & \*145.26 KK6KD (HARS)  
\*146.175+ N6FQ(FalbrkARC) linked to  
\*445.600 MHz (-)  
\*224.90- WD6HFR (Convair/220 ARC);  
446.14- WB6FMT(123.0)Vista;

\* = 107.2 Hz. PL Tone

# Minutes

## Palomar Amateur Radio Club Board of Directors

April 9, 2003

The meeting was called to order at 7:02 PM by KF6WTN at the home of NE6O. Present were:

Vice President Mark Raptis, KF6WTN  
Treasurer Jo Ashley, KB6NMK  
Director Merle Risdon, KR6BT  
New Hams/New Members Representative  
Visitor Steve Early, AD6VI

Secretary Paul Williamson, KB5MU  
Director Jim Cooper, NE6O  
Membership Chairman Al Donlevy, W6GNI  
Mike McMahon, KG6JMP

### Treasurer's Report

KB6NMK distributed the Treasurer's Report. The Wells Fargo accounts have been closed and the money moved to Bank of America. Bank statements will be mailed directly to KB6NMK rather than to the club's post office box; this can be changed easily. **Motion** by KB5MU to accept the Treasurer's Report. **Seconded** by NE6O. Motion **passed** unanimously.

### Secretary's Report

KB5MU had distributed the Minutes of the March meeting by email and in the Scope. **Motion** by W6GNI to accept the Minutes as published. **Seconded** by KB6NMK. Motion **passed** unanimously.

### Upcoming Meetings

KF6WTN reported that the program for the May meeting was still to be determined.

### Membership

W6GNI reported that the club has 481 members.

### Upgrade Class

NE6O reported that the General license upgrade class was continuing, and should be concluded in a month or so.

### Annual Club Picnic

KR6BT asked about the procedure used last year to obtain the picnic site at the beach. For gatherings the size of our picnic, no permit is required. KF6WTN suggested that the Carlsbad Safety Center, where the club meets

and will be holding Field Day this year, might be available for the picnic as well.

### New Hams/New Members

W6MBM reported that the Mt. Carmel High School would be hosting an amateur radio club open house on April 19. The club is not directly involved, but several club members are helping out. AD6VI suggested that the school might be able to obtain some "Big Project" funding from ARRL.

W6MBM asked about club-owned HF rigs. Some are out on indefinite loan to members, others sit idle in storage. He suggested that a more aggressive program of short-term loans of the rigs with antennas and coax would be more helpful to newcomers. He volunteered to put together a proposal and report back by email.

W6MBM distributed a draft copy of the updated club brochure and accepted review comments on it.

### Carlsbad Safety Center

KF6WTN reported that the Carlsbad Safety Center meeting facility is scheduled for remodeling beginning in June. The new Fire Chief told NN3V that the city has another, larger room available nearby that will be available to the club for meetings.

### Field Day Funding

KF6WTN relayed a request from NN3V that the club authorize \$500 for Field Day expenses. **Motion** by W6GNI to do so. **Seconded** by KR6BT. Motion **passed** unanimously.

### Club Documents

W6GNI agreed to approach W9FQN about transferring club documents from W9FQN's personal safe deposit box or other storage to a club safe deposit box.

### ARRL Representation at Meetings

AD6VI requested permission to set up an ARRL table at the back of the room during club membership meetings. **Motion** by KB6NMK that the Board permit an ARRL table to be set up at the back of the room during regular club meetings on a trial basis for a three-month test period. **Seconded** by KR6BT. Motion **passed** unanimously.

### SANDARC Education Coordination

AD6VI reminded the Board that he serves as Education Coordinator for SANDARC and asked to be kept informed of any plans for additional license or upgrade classes. KB6NMK noted that the Escondido Amateur Radio Society is planning a class.

### Next Board Meeting

The Board will meet at 7:00 PM on Monday, May 12, at the home of KR6BT. The unusual date was chosen to avoid a conflict with travel to the Dayton Hamvention.

The meeting was adjourned at 8:57 PM.

Respectfully submitted,

Paul Williamson, KB5MU, Secretary

## Youth Ham Convention a Success

On Saturday, April 19th, the radio club at Mt. Carmel High School hosted an open house event for young people interested in ham radio. Under the leadership of Physics Teacher, John Earnest KG6EQU, the club enjoyed a great turnout for the event. Mike KG6KTZ was very involved in promoting the event and coordinating volunteers. Young hams from neighboring school clubs participated, as well.

Lots of PARC members pitched in to help. Paul KB5MU gave a satellite presentation and Jim NE6O erected a 20-meter dipole and gave a demonstration of Packet operations. Charlie NN3V, Dennis N6KI, Mike W6MBM, and other PARC members also lent a hand. Dennis N6KI is involved with the group on an ongoing basis... helping with equipment donations, etc. Good job PARC team!

Getting involved with youth in ham radio is important and fun... have you considered participating?

73, Mike W6MBM

## Club Membership

New Members Joining PARC: **KG6PDV, KC7VXL, KC7VXK, and N5NCA.** KF6LP renewed for 5 years. Thank you! We had 6 "old" members reinstate their membership after considerable delay. Welcome back.

Al, W6GNI

## 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](mailto: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 McMahon, W6MBM by email at [W6MBM@amsat.org](mailto: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](mailto: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).

**E-mail [WB6IQS@juno.com](mailto:WB6IQS@juno.com) or call evenings 760-727-3876.**

## Radio Setup Helpers

Laminated Quick Help  
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and Operation

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FT-817 and Other Radios**

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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](mailto:KB6NMK@amsat.org)

ASSETS 4/10/03

Cash and Bank Accounts	
CD	2,636.58
CD	2,799.27
CD	2768.93
Checking	3,801.75
Checking	2,619.24
Post Office	95.58
<b>TOTAL ASSETS</b>	<b>\$14,721.35</b>

LIABILITIES	
Pre-paid dues	13,066.00
Prop. Insurance	1,200.00
<b>TOTAL LIABILITIES</b>	<b>14,266.00</b>
<b>EQUITY</b>	<b>455.35</b>
<b>TOTAL LIABILITIES &amp; EQUITY</b>	<b>\$14,721.35</b>

## Committee Chairmen

AREInfo.	-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>KE6IJU W6NWG@amsat.org</b>
Microwave	-Kerry B	
Off Road	-Jerry A	<b>jwak6fp@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**

## AMATEUR RADIO NEWS

### AUDIO FILES OF SHORTWAVE SOUNDS

Here are several files of sounds you can hear on shortwave. They come from several sources and include the newest digital modes like PSK31, MT63 and QPSK.

**<http://det.bi.ehu.es/~jtpjatae/sound.html>**

(URL courtesy of Ron Patten, KG6HSQ)

### PRB-1 LIKE LAW MOVES FORWARD IN CALIFORNIA

Some good news for hams living in the Golden State. ARRL Southwestern Division Director Art Goddard, W6XD, says that the California version of PRB-1 passed the Local Government Committee on a unanimous vote at its April 2nd meeting. Goddard says that the next step for AB-1228 is the full California State Assembly.

Amateur Radio Newslite, April 11, 2003

### TRY CHRIS BUCHANAN'S LINKED 6-METER MACHINES

Chris Buchanan, N6LXX, CE of KRCA (TV), invites southern California hams to try his open and linked 6-meter repeaters. They are as follows:

53.62 MHz, minus offset, 107.2 PL, Mt. Harvard

53.58 MHz, minus offset, 107.2 PL, Blue Ridge,

53.58 MHz, minus offset, 103.5 PL, San Miguel

## Contest Corral

May 3 MARAC County Hunters, CW  
 May 3 10-10 Int'l Spring Contest, CW  
 May 3 Indiana QSO Party  
 May 3 New England QSO Party  
 May 10 VOLTA WW RTTY Contest  
 May 10 Oregon QSO Party  
 May 10 FISTS Spring Sprint  
 May 17 King of Spain Contest  
 May 17 Baltic Contest  
 May 24 CQ WW WPX Contest, CW  
 May 24 VK-ZL Contest, SSB  
 May 31 Great Lakes QSO Party  
 Jun 7 VK-ZL Contest, CW  
 Jun 7 ANARTS WW RTTY Contest  
 Jun 14 ARRL VHF QSO Party  
 Jun 28 ARRL Field Day

Now just pray for good propagation.  
 Here's a group of contests to satiate you. CW, RTTY, SSB, Prefixes, States, etc. Rules are to be found in QST, CQ, NCJ, and Worldradio magazines as well as numerous web sites.

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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## Web Pages

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

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

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

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

## April Goodie's

K6KAL Dick  
 W6YOO HARRY  
 W6ABE ED  
 W6ASP Preston

## Last Month's Fold & Staple Crew

KR6BT Merle KB6NMK Jo  
 KC6WAN Ralph  
 KB6YHZ Art & KB6YHY Anita  
 N6UZH Terri & Toby & Matthew  
 W6GNI Al & Cathy  
 WA5ACE Sonny

## From MILLIWATTS to KILOWATTS

RF POWER TRANSISTORS - TUBES - POWER MODULES  
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 San Marcos, CA 92069

## Field Day

PARC will host FD at the Carlsbad Safety Center, June 27<sup>th</sup> – 29<sup>th</sup>. You can find details of our planning at <http://palomararc.org> **PARC FD Objective?: Have fun, operate on any band and any mode**, have fun, get reacquainted with the ham radio hobby, and have fun. (Did you get a subliminal message?)

To date a group of volunteers completed cleaning the Yagi HF antennas we will use at FD, as well as their preliminary tuning so they are ready to go. And, based on volunteer count for band captains, PARC intends to run 5F class this year. The “Foxtrot” class was established by ARRL to emphasize the association of Ham Radio with emergency service communications, the practice of which is at the core of FD set-up.

PARC will make available the HF towers, antennas, rotators, controllers, and some radio equipment for the FD exercise. As always, the Club relies on members to help with the operation, as well as with the set-up and tear-down of FD arrangements.

As in the past, the Club will start set-up at 4:00 PM on Friday, June 27<sup>th</sup>. Work to set the equipment in place (including the arrangement of shelters, generators, and the erecting of towers and antennas) will go on throughout Friday night, with completion required by 11:00 AM Saturday, June 28<sup>th</sup>.

FD operation will start at 11:00

AM on Saturday, and run uninterrupted through 11:00 AM Sunday June 29<sup>th</sup>. when we will start the tear-down of equipment.

The Club will host the Get On The Air (GOTA) station, as well as the Novice/Tech, and satellite stations we have been privileged to have in the past. And on Saturday, starting at 4:30 PM PARC will host the FD Picnic. PARC provides the hamburgers, basics, and the world-famous cuisine from the “**ARC Road Kill Café**” Club members and their guests are invited, encouraged, and welcome to attend the picnic, and we simply ask that you plan on bringing a “pot luck” item to share with the basics provided by the Club.

Those of you reading this who have not participated in FD in the past, or have not been in FD for some time, this is the premiere event in Ham Radio, and this year’s location **could not be more convenient!**

**We need volunteers!** To help set-up, to operate, and assist with the many things needed for a great time. For example, volunteers are needed to operate the visitor greeting table, to talk to members of the public and guest who arrive knowing nothing about ham radio, to help clean up after we are completed. **You do not even need a ham license to participate!**

The PARC FD planning net takes place every Wednesday at 8:00 PM on the 146.730 MHz repeater. Please join us to offer ideas, get excited about FD, or simply hear what is going on.

**FD: The Most Fun You Can**

**Have With Your Radio On!**

**73 de NN3V@amsat.org**

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## Handy Wiring Tip

by Mike W6MBM

If you find yourself pulling wire in tight spaces (e.g. an attic crawl space), you might want to borrow a tool from your golfing buddy. The telescoping ball retrievers used by golfers work very nicely! They expand to 12 or more feet depending on the model...some even have a hook-shaped device that is perfect for snagging the end loop of a pull cord. Because they collapse to a four-foot closed position, they can be easily maneuvered in tight spaces.

Good luck with your next antenna installation; perhaps this tip will make it a bit easier!

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## SANDARC Raises Fees for VEC Tests

At the March meeting of SANDARC, the group voted to raise the fee for exam sessions from \$3 to \$5 per session. Last year’s expenses for administering the tests was about \$600 more than the income. The Council decided that this should become effective on July 1, 2003.

Sybil Allbright, SANDARC Delegate

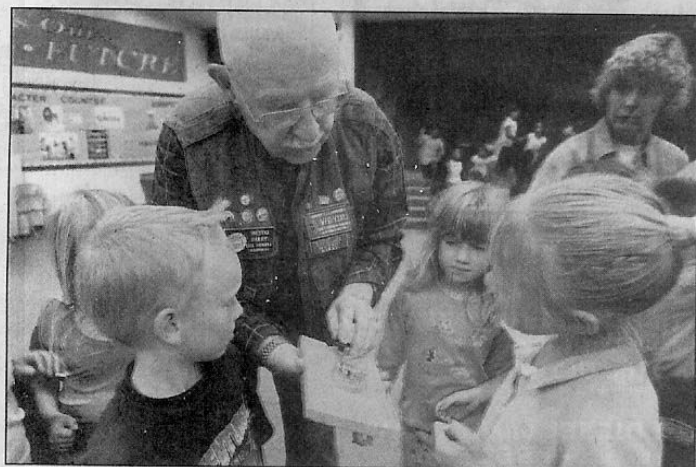
## Participation Points

Congratulations to Jo, KB6NMK. She has "limited" out, having been the first to reach 20 participation points this year. There are several others close behind with 18 points: KF6WTN, NE6O, and W6GNI. And the points for attending the April meeting, and bringing "goodies" had not been entered when this review was made. Remember, in the next couple of months, net managers, and others that I may not know about should send me a note to award participation points to those that work for the betterment of the club.

# St. Thomas QRP



## HAMMING IT UP



STEVE MARCOTTE / FOR THE NORTH COUNTY TIMES

## Radio day at Escondido school

Juniper Elementary School students Lucas Taylor, Holly Gonger and Rachell Chaves listen to Harry Hodges of the Escondido Amateur Radio Society as he explains the workings of the signal key in a demonstration of how to transmit and receive messages Friday. There are more than 700,000 ham radio operators around the world.

Canada, Cuba, United States, Venezuela, and Columbia are but a few of the countries worked at 4w SSB, and 5w PSK by your editor, Ron, NA6RS. Notice the PVC homebrew antenna. The Yaesu 817, battery, interface, key, and microphone all fit in a compact attaché case. Unfortunately, no California hams. Oh Well! Maybe next time.

# For Sale

(4.26) **FT-847**, Yaesu, HF/6m/2m 70cm Port./Base, **FC-30** ant. Tuner, **FP-30** Int.PS, **CD-24** 4Hr. charge adaptor, **FNB-78** 4.5 hr. Batt., **Vibroplex Keyer**, **MPI** ant. \$875, N6HLY Carl, 858-538-0546

(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

(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

(2.12) **PALM V** Accessories, 1 serial Hot Sync, 1 USB Hot Sync, 1 Portable charger, 1 leather case. \$15 each or offer, Gayle, K6GO 858 673 9201 or k6go@amsat.org.

(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.

(1.18) **GENRAD (General Radio) counters**. QTY 2. Models 1192 and 1192B. They worked the last

***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**

time I used them, but I have moved on to newer equipment. With Manual. \$30 takes both. 760-742-1573 Mornings. de AB6QT.

(11.11) **Yaesu FT- 1500M** Like New in Box with ADMS-2F computer Program and Cable for interface for programming freqs. into radio. Please Call Bayard K6GAO at 858-755-5507. You Can E-Mail me at rehkopf@mail.sdsu.edu.

(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) **Benchner Paddle Keyer** and **MFJ automatic keyer** (curtis chip). Like New! \$75 Bob AC6JG 760 207-9045.

## **WANTED:**

(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.

(4.2) Heathkit SB 200 Amplifier. Must be in good condition. E Mail: W7OOS@Cox.net.

(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

## **Field Day Calendar**

**When?**

**June 27<sup>th</sup> – 29<sup>th</sup>, 2003**

**Where?**

**Carlsbad Safety Center**

**What?**

**Multiple transmitters, All Bands, All Modes, Anyone can operate anything!**

**Next?**

**FD Planning Net starting April 9<sup>th</sup>, 8:00 – 9:00 PM 146.730 MHz Repeater**

**Needed:**

**Volunteers to organize, collect, and set-up equipment**

**Interested?**

**Contact NN3V@amsat.org**

**Or**

**Join The FD Planning Net**

**Come have the most fun you can have with your radio on!**

The cargo container, now hosted by TOWizard, is continuing in it's organizing. Most items are now on shelves, but we can use more. The club has taken in donations from two past members recently. Several antennas, some test equipment, and lots of parts.

**STOLEN!!** Icom IC-706 MKII Serial # 010954 (KH6OG) Bill 619 237 1142



## 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	: Operational

# HAM

# RADIO

H  
R  
O

# OUTLET

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,**  
**OUTBACKER**  
**Larsen Antennas**  
**TEN-TEC**  
**Hy-Gain,**  
**Tri-EX,**  
**Cushcraft**

*and others to  
numerous to  
mention!*

Drop in to see our display of working equipment. Find out about Packet Location Determining equipment (APRS). Check our complete line of magazines, ARRL books, license manuals, and Bulletin Board with all sorts of goodies listed.

Open: 10 a.m. - 5:30 p.m.

**Monday thru Saturday**

858 560-4900 or toll free

800-854-6046

5375 Kearny Villa Rd, S. D.

*Ask about our  
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.

POSTMASTER  
Send address changes to:  
Palomar Amateur Radio Club  
P.O.Box 73, Vista, CA 92085-0073

Periodicals  
Postage Pd.  
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# SCOPE

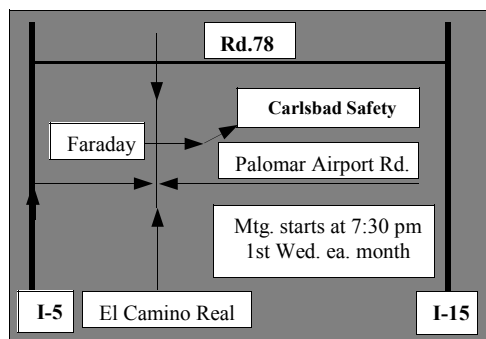


***Palomar Amateur Radio Club Inc.***

*also ATV &  
4 Autopatches*

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