



## November Club Events

### W5NYV

terrenus scriptor

Al Donlevy W6GNI reports: New Members Joining PARC include KG6ZMC, KG6ZMB, W6YAK, KG6QHP, KG6WGM.

Be sure to greet these new members when you see or hear them on the repeaters. In addition, we had 2 reinstatements, and ONE two-year renewal.

Worry about the time it takes for the deposit of your membership check? We pick up mail from our Post Office Box at least once a week, and the membership list is updated at that time. Checks are generally deposited soon after the monthly club meeting. (Your chance to "play the float!" Please be sure to check your SCOPE mailing label each month, you may find your expiration date has been updated, even before your check has cleared. Especially watch for the Green "Please renew now" and avoid the dreaded Red "Last Issue" on your label. "Last Issue" means your membership expires within a few days.

### Treasurer's Report for August 2005

Assets

Cash and Bank Accounts

BoA checking 1,647.23

*continued on page 2*

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## President's Message

### Steve Early AD6VI

PARC President 2005

Halloween is past and Thanksgiving is fast approaching. The season is changing (for some parts of the county) and the nights are getting longer. We have had a pretty good year, so far at the Palomar Amateur Radio Club. We just had a great Annual Auction, hosted by Art McBride, KC6UQH.

The November Program will be Go Kits and Power Management, by Marvin Munster, WB6PKK. This is an opportunity to get ideas to prepare for next years emergency communications events.

At this writing, I believe that we are heading back to the Carlsbad Safety Center for our monthly meetings. I have not been given confirmation, so please watch the [www.palomararc.org](http://www.palomararc.org) web site for the latest and always listen to 146.730- on the first Wednesday of the month for talk-in directions.

Looking down the road: December will bring us the annual Elections Christmas Social. The Nominating Committee was announced at the end of the Auction and consists of Harry Hodges (W6YOO), Art McBride (KC6UQH) and Paul De Cicco (NN6X). In particular, PARC is in need of candidates for Secretary and Treasurer, as Paul Williamson (KB5MU) and Jo Ashley (KB6NMK) have indicated that they will be pursuing other interests next year. Their presence and insight will be missed. Of course, candidates are welcome for all of other offices, as well.

Another topic: With the holidays approaching and New-year just around the corner, it might be a good time to resolve to get involved in Amateur Radio related Public Service. There is a multitude of organizations that can use your talents and experience. Please consider giving of your time for worthy causes.

I hope to see you all at the General Meeting on November 2nd. ●

Continued from page 1

CD	2,747.46
CD	3,468.95
CD	2,902.37
CD	2,400.00
Post office	98.96
<b>Total Assets</b>	<b>13,264.97</b>

Liabilities & Equity	
Pre-Paid Dues	6,772.00
Property Insurance	2,400.00
Total Liabilities	9,172.00
Equity	4,092.97
<b>Total Liabilities &amp; Equity</b>	<b>13,264.97</b>

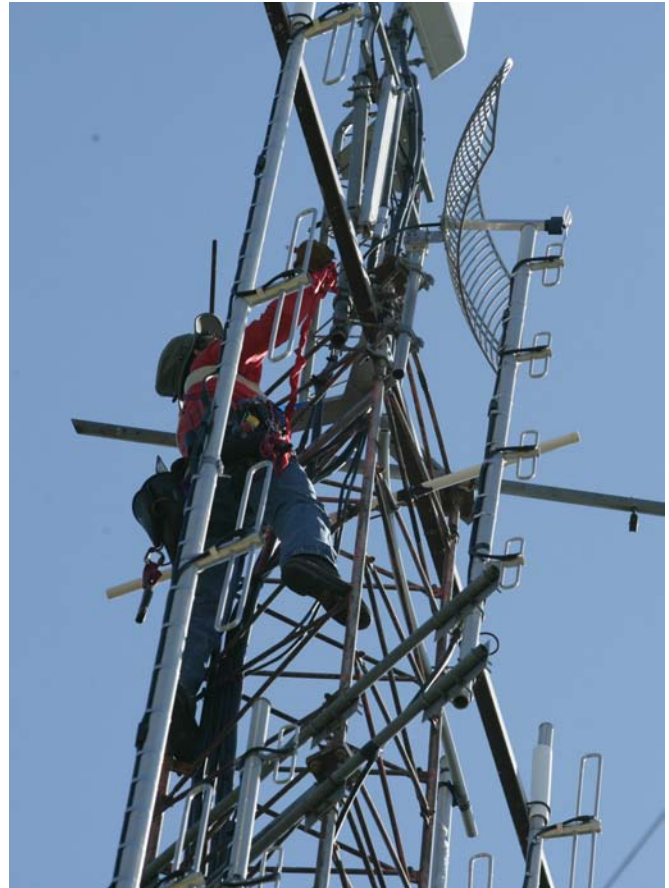
#### Treasurer's Report for September 2005

##### Assets

Cash and Bank Accounts	
BoA checking	2,380.56
CD	2,751.48
CD	3,474.03
CD	2,906.62
CD	2,400.00
Post office	98.96
<b>Total Assets</b>	<b>14,061.65</b>

Liabilities & Equity	
Pre-Paid Dues	6,573.00
Property Insurance	2,400.00
Total Liabilities	8,973.00
Equity	5,088.65
<b>Total Liabilities &amp; Equity</b>	<b>14,061.65</b>

Dennis can continue to listen while tuning his new antenna from one band to another. The tower party drew a very helpful and friendly crowd.



Dennis N6KI hosted a tower party at his QTH on October 19<sup>th</sup> to put up the SteppIR MonstIR antenna that he's been preparing. The stepper motors create a lot of noise while operating. A series of filter designs was drawn up to help eliminate this noise so that

The October 8<sup>th</sup> work party focused on the tower. Dan K6NKE is pictured above. An ATV antenna that links the repeater site to Valley Central was replaced. The old antenna came down and a new antenna went up. The feedline was also checked and the other antennas on the tower given a look-over. The steel storage shed got two new shelves (pictured below), the batteries were checked, and the generator given a brief run.



## NEWSLETTER CHALLENGE

October's puzzle (Page 1 Spider Web Listening ear = SWL = Short Wave Listener) was solved by...

No one! It must have been too hard. Now you know what the puzzles might be like, here are the rules of the game. Hidden somewhere in this newsletter is a code. It has something to do with amateur radio, or amateur-radio-related activities. It could be numerical, literal, or symbolic. Crack the code correctly, and you will be credited in next month's SCOPE! Got a photo to submit for a Photo Challenge? Let us know! scope@palomararc.org ●

## CONTEST CALENDAR

Nov 5	IPARC Contest, CW
Nov 5	Ukrainian DX Contest
Nov 5	ARRL Sweepstakes
Contest, CW	
Nov 5	NA Collegiate ARC
Contest, CW	
Nov 6	IPARC Contest, SSB
Nov 6	High Speed Club CW
Contest	
Nov 6	DARC 10-Meter Digital
Contest	
Nov 10	NCCC Thursday Sprint
Nov 12	WAE DX Contest, RTTY
Nov 12	JIDX Phone Contest
Nov 12	OK/OM DX Contest, CW
Nov 19	LZ DX Contest
Nov 19	EU CW QSO Party
(Various Bands)	
Nov 19	All Austrian 160 Meter
Contest	
Nov 19	ARRL Sweepstakes
Contest, SSB	
Nov 19	NA Collegiate ARC
Contest, SSB	
Nov 19	RSGB 1.8 MHz Contest, CW
Nov 26	CQ WW DX Contest, CW

The only thing lacking this month are state QSO parties. Oh well, there are CW, RTTY, SSB, and Top Band tests enough to satisfy everyone. Both ARRL Sweepstakes occur this month, as does the CQ Worldwide CW test.

Complete rules can be found in QST, CQ, Worldradio, and the National Contest Journal (NCJ). Hope to work you in the contest. 73, Harry, W6YOO. ●

## PARC 2005 BOARD

PRES: STEVE EARLY AD6VI  
(619) 461-2818 AD6VI@COX.NET  
VP: DENNIS BACA KD6TUJ  
(760) 722-0251 KD6TUJ@AMSAT.ORG  
SEC: PAUL WILLIAMSON KB5MU  
(858) 571-8585 KB5MU@AMSAT.ORG  
TREAS: JO ASHLEY KB6NMK  
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DIR: MARK RAPTIS KF6WTN  
(760) 749-4825 KF6WTN@AMSAT.ORG  
SITE: MICHELLE THOMPSON W5NYV  
(858) 350-7579 W5NYV@AMSAT.ORG  
MEMBERSHIP: AL DONLEVY W6GNI  
(760) 630-3096 W6GNI@AMSAT.ORG  
NEW MEMBER:  
SITE TECH: MIKE DOYLE AB6QT  
(760) 742-1573 AB6QT@AMSAT.ORG

## CURRENT NEEDS

Volunteers are needed for the following club positions.

- Billing Chair (handles billing for advertisements in SCOPE).
- Del Mar Fair participation Chair.
- 2006 Field Day Chair.
- Newsletter editor.
- Publicity Chair.
- QSL card Chair.
- Ham Help Net Operators.
- Assistant southwest division director.

We are actively seeking people for these positions. If you or someone you know has expressed interest in getting more active in amateur radio, these positions are excellent ways to fulfill that wish! ●



# Nets



## Regular On-the-Air Nets sponsored by the Palomar Amateur Radio Club.

DAY	TIME	FREQ.	NET NAME	NET MANAGER CONTACT INFORMATION
T/R/S	2000	146.730	NTS Traffic Net	Charles N6TEP cmiele@juno.com
Sunday	0830	146.730	ARES Sunday Net	Dennis K7DCG
Sunday	1000	146.730	Sailor's Net (stay tuned)	Paul NN6X@amsat.org Rod AC6V@amsat.org
Sunday	2045	147.075	MARA ES	Glenn Jones KG6JDF@amsat.org
Monday	1915	146.730	RACES Sub-Net	
Monday	2100	146.730	Microwave Net	Kerry B.
Tuesday	1900	147.130	Red Cross Net	Ted tthompdson@sdarc.org
Tuesday	2100	146.730	Off-Road Net	Jerry A. K6PFP jwak6pfp@cts.com Dick W. KA7AYT rwillimek@home.com
Thursday	1930	147.075	Young Hams Net (inactive)	
Thursday	2100	146.730	Ham Help (need ops)	David D KC6YSO@amsat.org
Friday	2100	146.730	Hiker's Net	Ed KF6DXX@juno.com Glenn P. KE6ZLY@juno.com
Nightly	>2200	147.130	Facetious Group	
Saturday	2000	52.680	6Mtr Emergency Services Net (inactive)	

## Other nets that might be of interest to the membership

DAY	TIME	FREQ.	NET NAME	NET MANAGER CONTACT INFORMATION
Mon-Fri	2000	28.340	10 Meter Net	Dennie WA9MTP

## Net Participation Tracker – A convenient form for participating in PARC nets

NET	DATE	NOTES

## Repeater Information

PARC Trustee: AB6QT

52.680 W6NWG -0.5 MHz

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

PKT: †145.050s (PALOMAR/W6NWG-1)

146.700- (Duplex Pkt) PALBBS/EMG use

†145.070/146.700- (W6NWG-3/PALBBS)

ATV input: 915 wbfm, 2441.25 wbfm

ATV output: 1241.25 MHz am

Intercom: 146.415 PL 79.7 nbfm

Affiliated: 224.380-, 224.940 KK6KD (HARS)

447.050-, 145.260 KK6KD (HARS)

146.175+ N6FO (Fallbrook ARC)

Linked to: 445.600-, 224.900- WD6HFR

(Corvair/220 ARC), 446.140- WB6FMT (123.0)

Vista **†under repair \* 107.2 Hz PL Tone**

## Software Defined Radios

*A quick introduction and short list of resources*

A Software Defined Radio (SDR) has two major components. First, a wideband analog-to-digital converter (ADC), and second, a personal computer, where the digital signals are stored and manipulated in software. SDRs still have RF components, but the point of development and experimentation at this stage is to get the software as close to the antenna as possible, thus turning hardware problems into software problems. Using software in the place of hardware allows for flexibility in configuration, the ability to upgrade quickly and easily, TX/RX on multiple channels simultaneously, and the

## License & Class Information

*Register 5-7 days in advance for the following test sessions.*

● PARC Testing is in Carlsbad on the 2<sup>nd</sup> Saturday of the month at 9:30am in the Fire Station at the Carlsbad Safety Center.

Contact Rusty Massie AA6OM at 760.747.5872 or [dunedancer@cox.net](mailto:dunedancer@cox.net).

● EARS Testing is in Escondido on the Last Saturday of the month at 9:00 am at Fire Station #1 Escondido Fire Department. The address is 310 North Quince Street, Escondido CA 92025.

Contact Harry W6YOO 760.743.4212 or [W6YOO@amsat.org](mailto:W6YOO@amsat.org).

● "The ARRL Technician Class Course for Ham Radio Licensing" Course No. EC-010 \$99 ARRL members / \$139 non-members. Courses begin on the first and third Tuesday of each month. For more information, email [cce@arrl.org](mailto:cce@arrl.org) or via regular mail to ARRL CCE, 225 Main Street, Newington, CT 06111. ●

possibility of self-configurable radios that monitor RF conditions and adjust themselves to suit the radio environment.

A source for a reasonably-priced SDR kit is the SoftRock-40. (<http://www.amqrp.org/kits/softrock40/>) The SoftRock-40 represents a minimalist SDR design, where a much more complex SDR like the SDR-1000 from Flex-Radio (<http://www.flex-radio.com/>) would be the upper end of the price and performance spectrum.

Also, an excellent early article about SDRs, Linux, and the envisioned effect upon amateur radio appeared in the October 2002 QST (<http://www.arrl.org/tis/info/pdf/0210033.pdf>). SDRs have definitely arrived on the scene in a big way this year. Continued advancements in ADCs will continue to allow for large strides forward in performance. -W5NYV ●

# HAM RADIO

Tom KM6K  
Ron N6OMW  
Jose XE2SJB  
Bob KA6EKT

H  
R  
O

# OUTLET

**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 too**  
**Numerous to**  
**Mention!**

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

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### **Fold and Staple Crew**

Last Month's Fold & Staple Crew WA5ACE  
Sonny, KB6NMK Jo, W6GNI Al & Kathy,  
W6YOO Harry. Thank you so much for your  
help!

### **October Work Party Attendees**

Dennis KD6TUJ, Doug (nonmember guest)  
KB8ACJ, Mark KF6WTN, Dan K6NKE, Art  
KC6UQH, Michelle W5NYV

## **Boiled Tower Raisin' Cake Recipe**

### **W5NYV**

This Boiled Raisin Cake recipe is from the collection of Sylvia Baker. It was served at 2005 Field Day. This cake is quite appropriate for tower "raisin" parties!

Boil 1 cup of raisins in 2 cups of water for 20 minutes. Cool and reserve ½ cup of the liquid for cake.

Sift together 1 ½ cup of flour, 1 teaspoon of nutmeg, and 1 teaspoon of cinnamon.

Cream ¼ cup of butter and ¾ cups sugar. Add 1 egg and beat well. Add 1 teaspoon of baking soda to raisin water and mix. Add raisin water and sifted dry ingredients. Mix. Fold in raisins.

Bake 30-35 minutes at 350 degrees F. After cake has cooled, either apply icing or sprinkle powdered sugar on top through a schematic-shaped doily for a nice pattern.

### ***Substitutions***

Substitutions for butter include using Smart Beat® butter or your favorite lower-fat product. Substitute egg whites or a small amount of applesauce for whole eggs. Substitute Splenda® for sugar. Leave out the raisins if you don't like the texture. Substitute another similar fruit or nut if you like. The cake should be springy without falling apart. The applesauce substitution can be the trickiest one, since the cake will be more moist and possibly more crumbly than with other substitutions. ●

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## FOR SALE

*Personal equipment ads are free to members and could be bumped after 3 months. Make up your ad like the ones on this page and send to SCOPE@PALOMARARC.ORG*

*Commercial ads in big boxes: \$2/col. inch/month. We will squash your ad copy to the number of inches bought.*

(9.13) Ham-friendly property FOR SALE. [www.pettus.us](http://www.pettus.us)

(9.12) FOR SALE Cubic Astro 150A fix or mobile 10-80m SSB 100w PEP with DS and Manual \$250.00. Kenwood 2m transceiver Model #TR-7330 5-25w w/auto patch mic MC-46, ARX 2m ant, manual \$150.00. Astro PS7A w/manual \$25.00. Cubex 4 el Quad 30' boom w/Quad arms, fiberglass spreaders, instruction manual \$100.00. Shure mic w/stand ptt \$20.00. Heathkit phone patch model #HD 15 w/manual \$25.00. Remote ant SW motor driven 6-position coax w/control box \$100.00. Dummy load 1kw +/1 \$10.00. Fluke multimeter model #77 w/manual \$65.00. Brak-D-Lay for Hy-Gain rotor w/instructions \$15.00. Contact Kris W6KTE (760) 941-3555

(9.10) WANTED: for the Crest Radio Museum. BOATANCHORS!!! Also need a Heathkit SB-101/102, RX-1/TX-1, VF-1 and DX-100. Operating condx not a problem. Desperately need the following 2-meter radios to complete the collection: Icom IC-20, Trio TR-2E & TX-26, Sonar CD-2, WRL Techciever, Robert Dollar 2M, Kenwood TR-2300 & TR-7100, Tempo FMA Anyone have these and would like to part with them? Contact WA6MHZ at [wa6mhz@arrl.org](mailto:wa6mhz@arrl.org) or Landline (619) 593-1111

(8.1) WTB a 40'+ pushup pole in good condition... Please contact me: [cstein6@cox.net](mailto:cstein6@cox.net) or (858)349-9919 Charles KG6VVM

(7.17) (1) Hy-Gain Dynamic Microphone Model #610 \$30.00 OBO. (1) Realistic Stero AMP. Model #SA-10. \$15.00 OBO. (1) Frequency-Counter Model #711 115 VAC or 12 VDC \$35.00 OBO. Please call Bayard K6GAO (858) 755-5507. Thank you.

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**Model BA-8** (for RG-8, RG-213, 9913 and similar cables up to 1/2" dia. \$15+tax+\$6 S&H/order.

#### **TUNER-TUNER**

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**Model PT-340 \$99.95+tax+\$6 S&H**

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.

(7.15) Wanted: CQ Magazine for May 1959. Beg, Borrow, or Buy. Would consider entire year of '59 and possible older issues. Bob Byrnes KE6MTT email [rbyrnes@pacbell.net](mailto:rbyrnes@pacbell.net)

(6.27) 300 Laser Movies, email for a list, first come first sold, \$7.00/each. Contact Dennis K7DCG, (858)748-9046 or email [K7DCG@AOL.com](mailto:K7DCG@AOL.com).

(6.25) FOR SALE (1) Uniden Bearcat Scanner Radio Base Model #BC890XLT with antenna and Power Supply for AC use. Asking \$100.00 OBO. FOR SALE (1) Uniden Bearcat Scanner Radio Model #BC760 XLT Mobile with antenna and 12 VDC Power Cord. Asking \$65.00 OBO. Please contact Bayard K6GAO at (858) 755-5507.

(6.20) Test equipment including H/P 141 T Spectrum Analyzer, Parts including large spacing variable capacitors, Antennas, Antenna rotators, Tools and more for the Ham Shack of Jim, K6ML. Contact Art, KC6UQH for appointment to see (760) 758-6062 Evenings and Weekends. ●

## Committee Chairpersons

ARES Info	Tony	KC6YSPa
ARES Net	Dennis S.	K7DCC@amsat.org
Attendance	Al	W6GNI@amsat.org
ATV	Art	KC6UQH@amsat.org
Auction	Tom M.	KG6RCW@amsat.org
Badges New	Al	W6GNI@amsat.org
Batteries	David	BK6EBYDAT@Gerry.Palomar.caltech.edu
BBS Monitor	Bill B.	N6FMK@amsat.org
Billing Ads/etc	<b>needed!</b>	K6GVM@arrl.net
Contest Info	Dennis V.	N6KI@amsat.org
Control Ops	Filled	W6NWG@amsat.org
Del Mar Fair	<b>needed!</b>	
Emergency Com Centers	Harry	W6YOO@amsat.org
	Dennis V.	N6KI@amsat.org
	<b>needed!</b>	
Field Day	John K.	WB6IQS@amsat.org
Field Day Tech	Dennis B.	KG6TUJ@amsat.org
Inventory	<b>filled!</b>	TBA
New Member	PARC	Board@palomararc.org
Nets	<b>needed!</b>	W5NYV@amsat.org
Newsletter	Stan	W9FQN@amsat.org
Patch Info	Jerry H.	WB6FMT@amsat.org
Patch Electronics	Mark R.	KF6WTN@amsat.org
Picnic	Mike P.	K6MRP@amsat.org
Power AC/DC	Dennis B.	KG6TUJ@amsat.org
Programs	<b>needed!</b>	
Publicity	<b>needed!</b>	
QSL Cards	Jo A.	KB6NMK@amsat.org
RACES Info	Steve	AD6VI@amsat.org
RED Flag	Michelle	W5NYV@amsat.org
Repeater Site	Mike D.	AB6QT@amsat.org
Repeater Tech	Jin/Steve	NE6O/AD6VI
SANDARC	John K.	WB6IQS@amsat.org
Seller Table	<b>needed!</b>	
Asst. SWD Dir	Rusty	dunedancer@cox.net
Testing VE	Mike D.	AB6QT@amsat.org
Training	Mike D.	AB6QT@amsat.org
Trustee	Paul W.	www.palomararc.org
Web		



Top of the repeater tower.







## TAPR DCC Report

### KF6WTN

TAPR stands for the Tucson Amateur Packet Radio Corporation, although they have very little to do with packet radio anymore. DCC is an abbreviation for the Digital Communications Conference. The club motto is "Advancing the Art of Amateur Radio." Another interesting thing about the name of the group is that practically no one lives in Tucson anymore.

Just about everybody in the club is an experimenter. As a result, almost every presentation at the DCC was a summary of the ongoing progress of someone's experiment. A lot of members' work can be found in the ARRL magazine QEX. Briefly, here are some of the items I thought were most interesting.

One of the items announced during the conference was the creation of the first suit sat. Russian spacesuits utilized on the International Space Station have a life of 12 missions or five years, whichever comes first. One of the suits is scheduled to go end-of-life this December. As a result, some innovative ham radio operators have developed a radio system that will fit inside the space suit. Rather than jettisoning the suit into the atmosphere they're going to load radios into the spacesuit and push it out into orbit. The radios and batteries in the suit will have an active life of about two weeks. The spacesuit satellite will transmit only at a frequency of 145.990 MHz. The message will be encrypted in ADPCM in the internal processor and will broadcast children's voices from around the world, with well-wishing messages. The satellite will also state the temperature, battery voltage, and elapsed time since the beginning of the project. The components were launched on September 8 aboard a Russian progress rocket. The finished project is projected for launch, if that's what you want to call it, somewhere in the December timeframe.

Another couple of interesting projects dealt with software defined radios. One was a good GNU project,

and the other started as a TAPR Ham Project and the designers decided to take it commercial. In a software defined radio, the only thing performed in the radio section is the down-conversion from RF to an IF frequency. Then, the IF quadrature components are input to the sound card on a PC. All remaining processing is performed in software on the PC. Spectacular results were seen in the demos compared to standard radios. For more information, see Measuring Performance of Software Defined Radios in the May 2005 QST Technical Correspondence section as well as the product review for the FlexRadio Systems SDR-1000 Software Defined Radio in the October 2005 QST.

One application demonstrated by the GNU folks was AYFBTU (All Your Frequencies Belong To Us.) In this application, they demonstrated the ability to output on 13 different frequencies simultaneously.

ICOM is supporting a new communications format called D-star. Although designed to support 2m and 440MHz, their initial offering is at 1.2 GHz. This format seamlessly combines analog audio, digital audio, and 128 kbps digital datastreams. Other projects were redefinition of AX.25, digital radio for HF, and homegrown timing and network analyzer projects.

Passive radar, where ambient or existing frequencies are used to track objects, was another topic of the conference. The following excerpt from a recent Business Week article shows the potential of this type of radar technology. "Lockheed-Martin's system is dubbed Silent Sentry. Last fall, in a demo for the U.S. Air Force, a third-generation Silent Sentry radar tracked all the air traffic over Washington, D.C., by picking up FM and TV echoes. Because FM and TV transmissions are more powerful than their cell-phone cousins, Silent Sentry can detect planes as far away as 135 miles, roughly 10 times the reach of an individual cell-phone tower."

([http://www.businessweek.com/magazine/content/03\\_42/b3854113.htm](http://www.businessweek.com/magazine/content/03_42/b3854113.htm)) ●

Palomar Amateur Radio Club  
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We're on the web! Find us at [www.palomararc.org](http://www.palomararc.org). See the newsletter in COLOR! Check out sets of PHOTOS!

## About our Newsletter

Scope (USPS #076530) is published monthly by the Palomar Amateur Radio Club 1651 Mesa Verde Drive, Vista, CA 92084. Periodicals postage paid at Vista, CA 92085. Dues are \$18 per year or \$30 per year for a family. Dues include a subscription to Scope. Editor: Michelle Thompson W5NYV.

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## About our Organization

The Palomar Amateur Radio Club serves the Amateur Radio community of San Diego County California with repeaters located on Palomar Mountain. The club has monthly meetings, Field Day festivities, an annual auction, and many other fun and interesting functions. All are welcome at our club meetings and on-the-air interactive radio nets which now feature discussion groups on hiking, sailing, microwave, off-roading, as well as traditional message traffic and emergency communications nets (RACES - ARES - MARA).

73 and hope to CU you on the air! –NN3V

## Meeting Location and Time

This month's General Meeting will be held on November 2, 2005 (the first Wednesday of each month). Talk-in on 146.730 MHz repeater. This month will feature **Go Kits and Power Compatibility**. Meeting starts at 17:30.

Ridesharing and coordinating for dinner beforehand often occurs on the repeater on Wednesday afternoons.

Everyone is welcome! Please check [www.palomararc.org](http://www.palomararc.org) or listen to the repeater for the location, as it is TBD.