

# SCOPE May 2008 ❄

A newsletter by and for the Palomar Amateur Radio Club of San Diego, CA, USA.

## Technical Committee Meeting- Open Docket

7 May 7:00pm at the Carlsbad Safety Center  
Club Meeting

## Namaste Project Overview by Michelle W5NYV

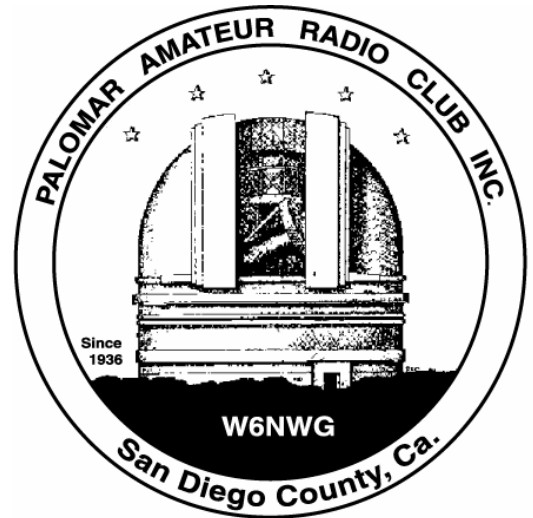
## Simple Weekender HF Antennas by Loren AD6ZJ

7 May 7:30pm at the Carlsbad Safety Center  
Repeater Site Work Party

10 May Meet at Mother's Kitchen 1pm  
Board Meeting

14 May 7:00pm at KG6RGI QTH  
CERT County Training Day

17 May all day



## President's Message

April has passed and warmer weather is now upon us.

Our April program featured Art McBride, KC6UQH, who delivered a presentation prepared by Rod, AC6V (SK), on The History of Vacuum Tubes, beginning with the Edison effect and covering special tube types still in service today.

Our May program will be on inexpensive wire antennas, by Loren Hunt, AD6ZJ. Loren is into portable contesting so many of these ought to be field expedient.

Looking down the road, Field Day is coming again. The Field Day net has started and we are looking for help in many areas. We are looking for volunteers to set up, captain and operate the stations. We will be at the San Marcos site again, so we will be easy to find and easy to get to.

Field day was originally established to show that amateurs could operate "portable". This aspect, in turn has proven useful for disaster response and recovery.

This point has been proven and the October wildfires drove it home again, as there were areas of the county that did not have phones for several months

A few Field Day Rules have changed. A new one says "One (1) 100-point bonus may be claimed if your Field Day operation includes a specific educational-related activity."

It seems to me that a 'Basic Portable Operation Seminar' will meet this requirement and the Field Day theme nicely. To that end, I am looking for participants who can share their experience and ideas for doing this on a shoe-string budget. Specific times and details for this seminar will be announced in prior to Field Day.

I hope to see you on May 7th. Bring a friend.

Steve Early,  
President, Palomar Amateur Radio Club.

## Technical Committee Meeting

May 7<sup>th</sup> 7:00pm

### Carlsbad Safety Center

This meeting will be held immediately before the general membership meeting. Find a club officer to participate.

## April Membership

New Members Joining PARC: N1QB, W6NWF, Robert Kitson, and KI6NCA. Five reinstated their memberships after a delay. A good month for the club! Please welcome these new members, on the air, and in person. And KG6MDQ renewed for 5 years!! Multiple year renewals are really appreciated, as that makes less work, less chance for my errors, and fewer trips to the bank for yours truly. Al W6GNI

## March Fold & Staple

Sonny WA5ACE, Jo KB6NMK, Al W6GNI & Kathy, Harry W6Y00

We could use one or two more on the list of Fold & Staple folks. Stop by the membership table and volunteer. A social work exercise, and get a participation point too.

## Licensing and 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 at the Carlsbad Safety Center.

<http://www.kiloxray.com/vec/>

Test sessions may be cancelled if no one pre-registers.

EARS Testing is in Escondido on the last Saturday of the month at 9:00 am at the LDS Church.

The address is 1917 East Washington Avenue, Escondido, 92025.

Contact Harry W6Y00 (760) 743-4212 or W6Y00@amsat.org.

## General Class

Two-Day Amateur Radio General License Class

Saturdays, June 7<sup>th</sup> and June 21<sup>st</sup>, 2008 9 AM to 2 PM (with breaks and working lunch)

Salvation Army, Joan Kroc Center, Community Room

6845 University Ave, San Diego, CA, 92115 Please RSVP with Don Read, at Don.Read@usw.salvationarmy.org so that adequate materials and testing may be arranged.

Cost of Class: Free

Testing on June 21<sup>st</sup> at 2:00 PM will be \$5

## Radio Club Resources

Check out these great local radio clubs on the web at the following addresses.

<http://www.fallbrookarc.org/>

<http://www.sddxc.org/>

<http://www.earsclub.org/>

<http://roars.net/>

<http://www.wa6bgs.org/>

<http://n6six.50megs.com/>

## Club Members ONLY!

PARC has a tube bank that includes many 6 & 12 volt receiving tubes (and some transmitting types) for use by club members to repair their own personal equipment. Not for commercial use or resale.

If we have

your requests, I will pre-check and deliver them to the next club meeting.

WB6IQS@amsat.org, -John

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## SPECIAL:

New G5RV Antenna

(57 ft total length)

\$ 44.00

## Contest Corral – Edited by Harry W6Y00

Contest	Time and Date
QRP Minimal Art Session	1900Z-2300Z, May 1
NCCC Sprint Ladder	0230Z-0300Z, May 2
MARAC SSB QSO Party	0000Z, May 3 to 2400Z, May 4
MARAC CW QSO Party	0000Z, May 3 to 2400Z, May 4
10-10 Int. Spring Contest, CW	0001Z, May 3 to 2359Z, May 4
Microwave Spring Sprint	0600-1300 local, May 3
7th Call Area QSO Party	1300Z, May 3 to 0700Z, May 4
Portuguese Navy Day Contest	1500Z, May 3 to 1500Z, May 4
Indiana QSO Party	1600Z, May 3 to 0400Z, May 4
ARI International DX Contest	2000Z, May 3 to 1959Z, May 4
New England QSO Party	2000Z, May 3 to 0500Z, May 4 and
	1300Z-2400Z, May 4
RSGB 80m Club Championship, SSB	1900Z-2030Z, May 5
NCCC Sprint Ladder	0230Z-0300Z, May 9
Nevada Mustang Roundup	2300Z, May 9 to 2300Z, May 10
SBMS 2 GHz and Up WW Club Contest	0600 local, May 10 to 2000 local, May 11
VK/Trans-Tasman 80m Contest, Phone	0800Z-1400Z, May 10
EUCW Fraternizing CW QSO Party	1000Z-1200Z, May 10 and
	1800Z-2000Z, May 11
CQ-M International DX Contest	1200Z, May 10 to 1159Z, May 11
VOLTA WW RTTY Contest	1200Z, May 10 to 1200Z, May 11
FISTS Spring Sprint	1700Z-2100Z, May 10
50 MHz Spring Sprint	2300Z, May 10 to 0300Z, May 11
SKCC Weekend Sprintathon	0000Z-2400Z, May 11
RSGB 80m Club Championship, Data	1900Z-2030Z, May 14
EU PSK DX Contest	1200Z, May 17 to 1200Z, May 18
His Maj. King of Spain Contest, CW	1200Z, May 17 to 1200Z, May 18
Feld Hell Sprint	1500Z-1700Z, May 17
Manchester Mineira All America CW Contest	1500Z, May 17 to 2359Z, May 18
Baltic Contest	2100Z, May 17 to 0200Z, May 18
Run for the Bacon QRP Contest	0100Z-0300Z, May 19
NAQCC Straight Key/Bug Sprint	0030Z-0230Z, May 22
RSGB 80m Club Championship, CW	1900Z-2030Z, May 22
CQ WW WPX Contest, CW	0000Z, May 24 to 2359Z, May 25
VK/Trans-Tasman 80m Contest, CW	0800Z-1300Z, May 24
ARCI Hootowl Sprint	2000 local - 2400 local, May 27
MI QRP Memorial Day CW Sprint	2300Z, May 26 to 0300Z, May 27
SKCC Sprint	0000Z-0200Z, May 28
Kids Roundup	1400Z, May 31 to 2200Z, Jun 1

## May Meeting Raffle Item

**MFJ-1910**

### 33 Foot Telescoping Fiberglass Mast

This Fiberglass mast is a great addition to any portable or stealth setup. Collapsed size is only 3.8 feet so it's great to keep in the trunk for spur of the moment deployment.

At 33 foot total length it is a 1/4 wave on 40m. Attach a wire to the ring on top, strap the base to something (anything), add some radials and a length of coax and you're on the air. This fiberglass mast will be part of the May meeting feature on simple antennas. I used these during the California QSO Party when I operated as a County Expedition and they worked great. They are easy to put up even with 40 MPH gusts!

HRO stocks these at \$79.95 or be the lucky winner in the raffle.

AD6ZJ, Loren

## Show And Tell

PARC is looking for members to bring items to the meetings for a "show and tell". These items could be projects in progress or completed old and/or restored equipment, short items of interest, or unusual items, and happens 5-10 minutes prior to the evening's presentation. Contact Dennis KD6TJ at 760.802.2573 or email at [KD6TJ@amsat.org](mailto:KD6TJ@amsat.org) to help coordinate.

## Ham Help Net Needs Help

By Lin KJ6EF

The Thursday Night 9PM Ham Help Net is in need of a back-up Net Control Op. Currently there's no stand-in for when Net Control is out of town, ill, family emergencies, etc etc.

Please contact Lin Robertson/KJ6EF at [kj6ef@amsat.org](mailto:kj6ef@amsat.org) if you'd like to be a "pinch hitter" for the net. We have an approved format and script, so it should be fairly straightforward.

## Visit to Palomar Volunteer Fire Department

By Dennis KD6TJ

Tom KG6RCW and I KD6TJ met at TOWizard to deliver the tower designated for Palomar Mountain Volunteer Fire Department. We delivered the tower, then went to the repeater site. We dropped off 2 pole pruners, 1 with a saw attached. Tom got the labeled info off the camper. Tom suggested, and I agreed, that it would be good to place the 2 omni antennas on the roof of the container to prevent damage as they would not fit inside. We went back to the fire station and found Chief Lucia there. We talked with the Chief about his plans. Chris showed up shortly after, so we confirmed with him also. Doc showed up (their fabricator) and was told the requirements for the tower base. Chris will let us know when the tower is set so we can continue the installation. It was a good trip and great contact with PMVFD.

Dennis KD6TJ

## Dennis Vernaccia Reports about a Heath Company Virtual Museum

Be sure to click on Blue Links in the URL below.

This is definitely a "Blast from the Past" if you were licensed way back when!

<http://www.heathkit-museum.com/hvmhistory.shtml>

## **Minutes of the Palomar Amateur Radio Club Board of Directors Meeting**

April 9th 2008

Minutes are unapproved until May 2008 board meeting. Comments and corrections to Loren AD6ZJ.

The meeting was called to order at 7:03 PM by President Steve Early AD6VI. The meeting was held at the home of Al Donlevy W6GNI. Present at the meeting were:

President Steve Early AD6VI  
Vice-President Dennis Baca KD6TUJ  
Treasurer Bob Birch KG6RGI  
Secretary Loren Hunt AD6ZJ  
Director #1 Tom Martin KG6RCW  
Membership Al Donlevy W6GNI  
Director #2 Paul Williamson KB5MU  
Scope Editor Michelle Thompson W5NYV  
Repeater Site Mike Pennington K6MRP  
Guest Conrad Lara KG6JEI, Field Day Chair

### **Treasurer's Report**

Bob KG6RGI distributed the report. Total Assets are \$15,250.45. The prepaid dues are \$6,030.00. A motion to accept the report was made by Tom KG6RCW and seconded by Loren AD6ZJ. Motion was carried.

### **Secretary's Report**

Loren AD6ZJ presented the Secretary's report. A motion to accept was made by Paul KB5MU and seconded by Bob KG6RGI. Motion was carried.

### **Discussion Items**

1. Field Day ideas  
Educational points, meaningful ways to earn them.  
The need to pull guests into the GOTA station.  
A Treasure hunt of sorts for guests.  
Steve AD6VI will prepare something for the ARRL web page.  
We need to get coordination of antennas and filters so to minimize interference.

General Meeting: May topic: Simple homemade HF antennas presented by Loren AD6ZJ. Warmup act W5NYV introducing the AMSAT project Namaste.

### **Membership Report**

Presented by Al W6GNI  
Current club membership is 392.

Repeater Site Report: Presented by Mike K6MRP

1. The Winlink experiment was successfully completed last weekend.
2. The old battery removal is set to begin this month with Michelle W5NYV, Tom KG6RCW, Mike K6MRP and Dennis KD6TUJ all getting involved as the batteries are several hundred pounds each.
3. Dennis KD6TUJ will look into propane conversion for one of the generators. A final decision needs to be made on where to house the generator.
4. A decision on which repeaters will be on the generator needs to be made.

OLD Business:

- 1) This months raffle netted \$98.00 for the club
- 2) Still looking for those willing to teach new ham classes

New Business:

- 1) Should PARC submit an application to be recognized as a special service club with the ARRL? Michelle W5NYV will fill out form.
- 2) Repeater usage issues needs to be addressed

Place of next Board Meeting: Home of Bob Birch KG6RGI

Motion to adjourn made by Bob KG6RGI and seconded by Loren AD6ZJ.

### **April Goodie Givers**

KD6YJB Marvin, KG6RCW Tom, W6ASP Preston, KG6JEI Conrad

### **April Fold and Staple**

W6GNI Al & Kathy  
KB6NMK Jo

## San Diego 100 Mile Endurance Run

Cuyamaca Mountains, San Diego, CA  
June 7-8, 2008

On behalf of Race Director, Paul Schmidt, K6PKS, we thank you for your interest in providing communications for the SD100 Endurance Run. Your commitment to the communications team will be an integral part of another successful event.

Please see the attached preliminary list of assignments and available openings. If your callsign is in the "Tentative" category, please contact us immediately with the following information in order to confirm your commitment to working the event:

- 1) your availability
- 2) location preference
- 3) whether or not you will have a shelter available (motorhome, trailer, tent, etc)

If your callsign is not on the list, now's your chance! We are still in need of confirmed commitments from additional volunteers so if you could spread the word we'd appreciate it. The more operators we have for the event, the more fun it will be for all involved. For further information please refer to the event website at San Diego 100 Website or contact us via e-mail with your questions or comments.



Ellen N6UWW@amsat.org and Wild Bill WB6BFG@amsat.org

Station	Op	Op		Remarks
SUNRISE HWY	W6ABE			W6ABE 5th wheel - full duration
PEDRO FAGES				
CAMP CUYAMACA	K6AH			
PASO PICACHO	N6JOJ			N6JOJ motorhome - full duration
BIG BEND				
MILK RANCH RD	KB9WFS	KG6WNW		tent camp - full duration
SWEETWATER BRIDGE	KI6JYC	KG6WOB		motorhome - full duration
NET CONTROL	WB6BFG	N6UWW		trailer - full duration
ROVER	W6SST	WN6K		
TENTATIVE OPS	N0KII	KG6ZUS		GTARC
	KI6DPN	KI6DPO		GTARC
	KF6ZBF	KF6ZBE		Mark & Kathy
	K6DEX	KI6FKB		Bob & Sue
	KD6ACV	KI6FKA		
	W6IPT	KI6AOQ		
	KG6RCW	KI6FKC		
	N1QI	KI6AGN		



# Clipperton Island DXpedition Photographs

Submitted by Ellen N6UWW and Wild Bill WB6BFG



*Continued on Page 9*



## Club Classified Advertisements

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](mailto:SCOPE@PALOMARARC.ORG).

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

(5.1) Complete 5-watt portable 20- meter QRP CW station. Oak Hill Research OHR-100A professionally wired and aligned. Built-in Iambic keyer, battery supply. Custom "Old Timer" wood case with calibrated vernier dial. Complete with field kit with mini-keys, 20 meter "Gusher" dipole and many accessories. Like new condition, asking \$185. Kirt KK7QT 760-994-0127



(5.1) Transport needed for UHF antennas to SF bay area.  
Contact Fred Brown, W6HPH  
[w6hph@yahoo.es](mailto:w6hph@yahoo.es)  
Tel. 760-742-1328  
or 760-740-8501

(1.20) Help needed. Looking for someone who has experience mounting the Arrow Satellite antenna to a tripod or other support structure.

Thanks, Jim Keller WB6YXY  
[jkeller@cox.net](mailto:jkeller@cox.net)

(1.1) For Sale 2m Hand held Kenwood TH-K2 FM Transceiver about a year old. Have all the books on the unit and it are programmed with all the local channels. Asking \$75 OBO.  
Please call Bayard K6GA0 858-755-5507

(1.1) Wanted Yaesu FT-857D transceiver, or similar, for new General licensee.  
David 760-942-5167  
[K200G@arrl.net](mailto:K200G@arrl.net)

(11.29) Looking for a small 3 element tri-band HF beam such as the TH3-JRS.  
Jim Keller [wb6yxy@arrl.net](mailto:wb6yxy@arrl.net)  
760-717-6126 ❖

**San Diego Section Meeting Location:**  
Do you know of a good place?

As the incoming Section Manger, I am conducting a series of Section Information Meetings. The purpose is to provide a forum for us to meet and discuss needs and opportunities within the San Diego Section. Your input is important, so that the Section may better serve the local amateur community.

I am planning to hold several of these meetings, at different location within the Section, so that you do not have to travel far to attend.

The first was held on April 4th, 2008, in at the Carlsbad Safety Center. Other locations in the Section will follow.

If you know of a location near you, which can accommodate up to fifty (or so) of us, please contact me at [ad6vi@arrl.org](mailto:ad6vi@arrl.org). ❖



# Clipperton Island DXpedition Photographs

Submitted by Ellen N6UWW and Wild Bill WB6BFG



## PARC and PARC Affiliated Repeaters

Frequency	Tx	Tone	Call Sign	Remarks
52.680	–	107.2	W6NWG	
146.730	–	107.2	W6NWG	See note 1
147.075	+	107.2	W6NWG	
147.130	+	107.2	W6NWG	
447.000	–	107.2	W6NWG	
224.380	–	107.2	KK6KD	Americas Unidos
224.900	–	107.2	WD6HFR	Convair/220 ARC
224.940	–	107.2	KK6KD	Sharp Hospital Coverage
446.140	–	123.0	WB6FMT	Vista
146.175	+	107.2	N6FQ	Fallbrook ARC; linked to 445.600
445.600	–	107.2	N6FQ	Fallbrook ARC; linked to 146.175
145.050	(s)	None	W6NWG-1	Packet node; linked to Metro 9600 net
146.700	–	None	W6NWG-4	Packet duplex repeater; Duplex; PALBBS use OK

PARC also conducts the following ATV (amateur fast-scan television) operations:

ATV in: 915 MHz WBFM, 2441.5 MHz WBFM

Intercom: 146.415 MHz NBFM simplex (tone 79.7)

ATV out: 1241.25 MHz AM

## Regular Nets Sponsored by PARC

Day	Time	Frequency	Name	Manager
T/Th/Sa	2000	146.730	NTS Traffic Net	Marvin KD6YJB KD6YJB@arrl.net
Sunday	0830	146.730	ARES Net	Jo Ashley KB6NMK@amsat.org
Sunday	1900	147.130	Handi-Hams	Marcia De Runtz KG6FIX
Sunday	2045	147.075	MARA	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 tthompson@sdarc.org
Tuesday	2100	146.730	Off-Road Net	Dick Wilimek KA7AYTrwilimek@cox.net
Thursday	2000	147.075	SATERN	tomcarmody@cox.net
Thursday	2100	146.730	Ham Help Net	Lin Robertson kj6ef@amsat.org
Friday	2100	146.730	Hiker's Net	Ed KF6DXX@juno.com

## Board of Directors Contact Information

Board of Directors Position	Call Sign	Contact Information
President - Steve Early	AD6VI	619-461-2818 ad6vi@amsat.org
Vice President - Dennis Baca	KD6TUJ	
Secretary - Loren Hunt	AD6ZJ	
Treasurer - Bob Birch	KG6RGI	
Director - Paul Williamson	KB5MU	858-571-8585 kb5mu@amsat.org
Director - Tom Martin	KG6RCW	
Scope Editor - Michelle Thompson	W5NYV	858-229-3399 w5nyv@amsat.org
Repeater Chair - Mike Pennington	K6MRP	mrpenni@pacbell.net
Membership - Al Donlevy	W6GNI	760-630-3096 w6gni@amsat.org

<sup>1</sup> The 146.730 repeater transmits a CTCSS tone of 107.2, but does not usually require any tone for access. When necessary, an access tone of 107.2 can be enabled.





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### **BALUN KITS**

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**Model BA-58** (for RG58, RG8X & similar cables up to 1/4" dia. \$8.50+tax+\$8 S&H/order

**Model BA-8** (for RG-8, RG-213, 9913 and similar cables up to 1/2" dia. \$16.50+tax+\$8 S&H/order.

### **TUNER-TUNER**

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Address service requested

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Submissions: [scope@palomararc.org](mailto:scope@palomararc.org)  
Questions? Ideas? Comments? [W6NWG@amsat.org](mailto:W6NWG@amsat.org)

This month's General Meeting will be held on May 7<sup>th</sup>, 2008 (The first Wednesday of each month) at the Carlsbad Safety Center. This month the program is about Simple Weekender HF Antennas. Talk-in on 146.730 MHz repeater. Technical Committee meeting starts at 19:00. General meeting starts at 19:30 but show up at 19:00 for setup and visiting beforehand. Ridesharing and coordinating for dinner beforehand often occurs on the repeater on Wednesday afternoons. Everyone is welcome! 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, 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 (past president of PARC)