

SCOPE

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



Minutes

Palomar Amateur Radio Club

Board of Directors Meeting
July 18, 2012

The meeting was called to order by President Dennis Baca KD6TUJ at 7:49pm at the home of Ron Pollack K2RP. In attendance were:

President Dennis Baca KD6TUJ
Vice President Ron Pollack K2RP
Secretary Paul Williamson, KB5MU
Treasurer David Ochs, KI6LKP
Director #1 Don Johnson, WD6FWE
Membership Chairman Al Donlevy W6GNI
Repeater Technical Chairman Conrad Lara, KG6JEI

Treasurer's Report

KI6LKP distributed copies of the Treasurer's

Report. Motion by KB5MU to approve the Treasurer's Report as published. Seconded by K2RP. Motion passed unanimously. The phone bill still shows two lines. One of these is for the BBS, which has been down "forever". KI6LKP agreed to cancel service on that phone line.

Secretary's Report

KB5MU distributed copies of the minutes of the June board meeting, previously sent by email. KG6JEI noted that he gave the Repeater Technical Report, not KD6TUJ. Motion by KG6JEI to approve the board meeting minutes as corrected. Seconded by K2RP. Motion passed with KI6LKP abstaining.

Upcoming General Meetings

K2RP reported that the August meeting is scheduled to be presented by Fred Brown on his noise canceler, featured on the cover of QEX. September and November meeting programs are TBD. October is the auction.

Save the Date

Club Meeting

3 October 2012

Annual Club Auction

Board Meeting

10 October 2012

Palomar Amateur Radio
Club board meeting at
7:30pm at KB5MU QTH.

Club Event

November 12 2012

Operating Day at Fry's in
San Marcos

Membership

W6GNI reported that the membership is 270, up five. Thirteen memberships are expiring this month. KD6TUJ reported that Joe N6JO is recruiting new members in Oceanside. Should we offer free memberships for new hams? Or at least issue them a special invitation to join. Costs and benefits?

Repeater Technical Report

KG6JEI reported that the thermostat was again found inexplicably cranked up. Excessive temperatures might (or might not) explain the rash of controller resets. The repeater site was mapped out. The 6m antenna was examined and partially repaired. Gopher holes were spotted near the entrance to the generator building. The power system has been converted to DC, but the ventilation system is still powered by AC and needs to be converted. How much power does this require?

MS Bike Ride

Operators are needed for a bike ride in October to benefit Multiple Sclerosis. We'll ask them to provide a blurb to publish in the Scope.

Newly Licensed Marine

We've received a request from another club to assist a Marine who recently moved from their area to ours. WD6FWE and KD6TUJ both reported that they contacted him with offers of assistance.

D-STAR Operating Day

The PAPA system is sponsoring a D-STAR simplex operating day. The information has been forwarded for publication in the Scope.

PARC Operating Day

We'd like to reschedule the rained-out Operating Day at Fry's for sometime in November before Thanksgiving. KD6TUJ is talking with the managers at Fry's.

Club Picnic

KD6TUJ has reserved the picnic site at San Dieguito County Park. KI6LKP's wife has obtained the gift certificates for drawing prizes. Joe and Joe have agreed to run a simple transmitter hunt at the picnic. Gina has agreed to cook. Motion by K2RP to approved up to \$125 for food for the picnic. Seconded by WD6FWE. Motion passed unanimously.

Field Day Expenses

KI6LKP reported that Gina has not billed the club for Field Day expenses, but is believed to have spent more than expected. The club would like to reimburse these expenses.

501(c)(3) Status

K2RP reported that he consulted with his wife about obtaining 501(c)(3) non-profit status for the club. There is a filing fee of \$400, plus \$20 each year and a required tax return. Club finances would have to split into two separate accounts, one for charitable purposes and the other for routine operating costs. KB5MU stated that the Board should review any completed forms before they are filed.

Donated Estate Equipment

K2RP reported that a silent key's estate worth \$1500 to \$2000 was donated to the club. He'd like to give club members first dibs on the equipment, and/or a slight discount. The Board discussed various ways to handle donated gear.

Next Board Meeting Location

It was agreed that the next Board meeting would be held at the home of K2RP at 7:30pm on August 8, 2012.

Adjournment

The meeting was adjourned at 9:37 pm.

Respectfully submitted,
Paul Williamson KB5MU
Secretary

PARC Members Rank High 2011 CQP World Wide SSB Expedition Results

World Single Operator
8Q7DV (Opr.: Vadim Ovsyannikov, R9DX)
Donor: National Capitol DX Assn.
Stuart Meyer, W2GHK Memorial

World Multi-Single
TX5A (Oprs.: RK7A, R3FA, UR5MID, US7UX,
UT5UY, UU4JMG, UXØLL, USØKW, UA7A, RM2U)
Donor: Gail Sheehan, K2RED

World Multi-Multi
E51Z (Oprs.: AB6BH, N6AA, N6UWW, N6VI,
VK4UC, W5NYV, W6NV, W6XD, WB6BFG)
Donor: CQ magazine

Guess Who? (Photo circa 1963-4)



PARC Meeting List 2006 - Present

DATE	SUBJECT	PRESENTER	CALL	ROOM	ATTEND	
0106	SOFTWARE DEFINED RADIOS	BRIAN	KF6C	1.2		
0206	PARC 70 TH ANIVERSARY			1.2		
0306	I'VE GOT MY RADIO	VARIOUS		1.2		
0406	RESTORING OLD RADIOS	PAT	W6MHZ	1.2		
0506	6 M Dxing	ROD	AC6V	1.2		
0606	FIELD DAY			1.2		
0706	PARC REPEATER SITE	JOHN	W6IQS	1.2		
0806	Dxing 101	HARRY	W6YOO	1.2		
0906	R F SAFETY	TOM	KI6DER	1.2		
1006	AUCTION	ART	KC6UQH	1.2		
1106	T A P R	MARK		KF6WTN	1.2	
1206	ELECTIONS			W6NWW	1.2	
0107	PETER THE FIRST DXPEDITION	HARRY		W6YOO	1.2	
0207	AMATUER RADIO ASTRONOMY	SHAD			1.2	66
0307	GETTING THE MOST OF YOUR HTs	JERRY		AK6QJ	1.2	73
0407	STEPPIR ANTENNA	HOWARD		KY6LA	1.2	72
0507	GORDON WEST PRESENTS	GORDON		WB6NOA	3	114
0607	FLIP BRACKETS	HARV		K6QK	1.2	87
0707	HANDY HAMS	MARSHA		KI6FIX	1.2	
0807	T HUNTING	TOM		K6VCR	1.2	60
0907	PSK 31	RALPH		AE6SV	1.2	79
1007	AUCTION	ART		KC6UQH	OUTSIDE	MANY
1107	D STAR	CECIL			1.2	72
1207	ELECTIONS			W6NWW	1.2	43
0108	S D G ARES	JIM		KG6R	1.2	39
0208	FUN WITH LEDs	KERRY		N6IZW	1.2	72
0308	I'M FROM THE PLANNING DEPT...	JONATHON		W6JLK	1.2	
0408	VACCUUM TUBES TO SOLID STATE	ART/ROD		KC6UQH	1.2	55
0508	INEXPENSIVE WIRE ANTENNAS	LOREN		AD6ZJ	3	83
0608	WRITE LOG / FIELD DAY	PAUL		WN6K	3	47
0708	DIGITAL TECHIQUES FOR EMCOM	ANDRE		K6AH	1,2	51
0808	RADIO MOBILE	JERRY		AK6QJ	1.2	57
0908	D STAR UPDATE	KEN		KI6HRH	1.2	64
1008	AUCTION	ART		KC6UQH	2.3	
1108	LESSON FROM HURRICANE CHARLIE	WAYNE		KB6UJW	3	59
1208	ELECTIONS			W6NWW	1,2	43

HAM RADIO OUTLET

Jose XE2SJB
Jerry N5MCJ
Joe N6SIX

H
R
O

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AEA,
OUTBACKER
Larsen Antennas
TEN-TEC
Hy-gain, Tri-EX,
Cushcraft And Others
too
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Mention!

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DATE	SUBJECT	PRESENTER	CALL	ROOM	ATTEND
0109	HAM RADIO FROM THE 1950'S	RON	K2RP	1,2	65
0209	IN THE WAKE OF THE BOUNTY	HARRY	W6YOO	1,2	58
0309	DIFFERENT GROUPS OF HAMS IN EMERGENCIES	TERRY	K3PXX	1,2	62
0409	PACKET BASED COMPUTERIZED RUNNER TRACKING	ANDRE	K6AH	1,2	55
0509	FIELD DAY	VARIOUS		3	49
0609	LOST ISLANDS DXPEDITION	VIDEO	W6YOO	1,2	48
0709	QUIZ NIGHT	STEPHEN	W6TAN	1,2	40
0809	MY FIRST DXPEDITION	WILD BILL	WB6BFG	1,2	44
0909	SATTELITE COMMUNICATIONS	ART	KC6UQH	1,2	49
1009	AUCTION	ART	KC6UQH	M O N - ROE	67
1109	VERTICLE PHASED ARRAY ANTENNAS	LOREN	AD6ZJ	1,2	43
1209	ELECTIONS / SOCIAL		W6NWW	1,2	43
0110		MONICA	ZECH	1,2	58
0210	TRIP TO JERSEY ISLE	WILD BILL	WB6BFG	1,2	62
0310	RADIO TELESCOPE IN EUROPE W0SDR	ROBERT	PAORYL	1,2	68
0410	INTRODUCTION TO CONTESTING	DENNIS	N6KI	1,2	67
0510	AMATEUR RADIO REPEATERS	ART	KC6UQH	3	54
0610	FIELD DAY	RON	K2RP	1,2	37
0710	OVERCOMING OPERATING CHALLENGES IN THE GAMBIA	MARTY	N6VI	1,2	49
0810	COLLECTING AND USING MILITARY RADIOS	ED	KG6UTS	1,2	52
0910	SOLAR ENERGY AND EMERGENCY PREPAREDNESS (SLEEP)	BOB	KJ6RET	1,2	76
1010	AUCTION	ART	KC6UQH	M O N - ROE	63
1110	160 METER PORTABLE ANTENNA	GAYLE	K6GO	1,2	58
1210	ELECTIONS / SOCIAL	PARC	W6NWW	1,2	36
0111	ANTENNA MODELING	MICHELLE	W5NYV	1,2	63
0211	PARC 75 TH ANNIVERSARY			1,2	93
0311	OPERATING IN THE EASTERN HEMISPHERE	BOB	K4RP	1,2	67
0411	NVIS NEAR VERTICLE INCIDENCE ANTENNAS	DAVID	KC6YSO	1,2	69
0511	THE DAYTON EXPERIENCE	PAT	WA6MHZ	3	54
0611	FIELD DAY	GREG	KI6RXX	1,2	48
0711	ARISS CONTACT WITH ADOBE BLUFFS SCHOOL	JIM	KI6ZUM	1,2	57
0811	YL DXPEDITION TO CURACAO	MICHELLE	W5NYV	1,2	55
0911	NWS SKYWARN	ALEX	TARDY	1,2	58
1011	AUCTION	ART	W6NWW	1,2	62
1111	AMATEUR RADIO OPERATOR PREPAREDNESS	KEN	KI6HRH	1,2	55
1211	ELECTIONS / SOCIAL	PARC	W6NWW	1,2	50

0112	LITHION ION BATTERIES, HOW THEY WORK AND WHY THEY FAIL	MICHELLE	W5NYV	1,2	62
0212	APRS AUTOMATIC PACKET REPORTING SYSTEM	PAUL	KB5MU	1,2	85
0312	SOUTH ORKNEY DXPEDITION VIDEO	HARRY	W6YOO	1,2	55
0412	T HUNTING KE6PHB	JOE & JOE	N6SZO	1,2	53
0512	MARS CALLING THE WORLD FROM VIET NAM	DENNIS	N6KI	1,2	72
0612	FIELD DAY	CHARLIE	NN3V	1,2	66
0712	LOGBOOK OF THE WORLD	DAN	N6ERD	1,2	
0812					
0912					
1012	AUCTION	ART	KC6UQH		
1112					
1212	ELECTIONS / SOCIAL	PARC	W6NWW		



Meeting
Photos

Photos by Don WD6FWE





Annual Club Auction

by Michelle W5NYV

It's almost October, and that means it's auction time. Come to the General Meeting on October 3rd and join the fun!

Where: The Safety Center

Any radio item new or used, working or not (boat-anchors included) will be tagged with the seller's information. Both buyers and sellers will register prior to the meeting. Please plan on arriving early to get a look at the auction items. Hams interested in bidding on items will be given a numbered card to hold up on items they would like to place a bid on. Any further questions can be directed to: board@palomararc.org

A suggestion heard at the September 2005 meeting: put those address labels you get in the mail to good use by bringing them to the auction. Instead of writing your name over and over, use the stickers instead.

If you have a wagon or other wheeled cart, please consider bringing it in order to transport items more easily into the building. The club will provide one wheeled cart for transporting equipment in and out of the building.

Art KC6UQH will be the auctioneer for the evening. Start planning now for the treasures you'll want to bring and the treasures you'll be sure to find.

Room set-up starts at 5:30pm. As soon as the room is set up, sellers sign in and tag equipment. Bring your stuff early! 6:30 to 7:00pm buyers are registered (required!) and may view the offered equipment.

If you have questions about an item, this is the time to ask it. Inspect equipment before the auction so you know what you are bidding on (write its auction number down!) Auction begins at 7:00pm.

PARC receives 10% of the sale price and there is no other fee for buyers and sellers. Donations to PARC are accepted. All monies are paid to PARC. Seller(s) may set a written minimum bid on their items. Seller is responsible for removing any item(s) not sold. PARC does not guarantee the condition of any item sold.

PARC Auction Schedule

Room Setup	5:30pm
Sellers Allowed In	6:00pm
Buyers Allowed In	6:30pm
Auction Starts	7:00pm
Auction Ends	9:00pm

You don't have to be a PARC member to participate in the auction, so invite your friends to join in on the fun. Sellers will not be paid their money until all monies have been collected that evening, so bring a Self Addressed Stamped Envelope if you want the check mailed to you the next day, or pick it up at the next club meeting.

In previous years, the auction has been held outdoors (in a surprise move due to a conflict in room reservation), in the smaller EOC meeting room, and in the larger EOC meeting room, and offsite at other nearby locations.



Palomar Amateur Radio Club is looking for help to provide for the coffee goods table. The individual(s) would maintain the coffee service items for the Club. Jim W6SST has provided these services for the past few years, and has been very appreciated. Due to changes in his personal schedule he will not be able to continue. We all wish him well in his adventures and look to hear him on the radio. Individuals willing to assist the club with coffee service should contact a Board Member.

Dennis

Lunch Bunch Special Edition

Article coming soon

Photos by AG6EK Jim Tomcik



CABLE MANAGEMENT



WHAT A CROWD!



MEETING IN PROGRESS



PRESENTATION



OPERATING LOCATION

KJ6SJZ Visit to I0ZQB

by Ken KJ6SJZ

In August, 2012 I visited my expatriate cousin in the ancient, but well-preserved community of Paciano in Umbria region of central Italy. While there, I met and came to know I0ZQB, Giampaolo Fagiolari of Missiano, Umbria, Italy.

I had observed a radio tower and beam antenna from a distance while visiting my cousin's friends in the town of Missiano. I looked him up by licensed operator/geographic location on www.qrz.com and then again by coordinates on Google Earth. 'Paolo was the only amateur radio operator listed in Missiano. The same tower and antennae were visible in Google Earth photos. I sent him an email and asked to visit; he invited me. It was very interesting!

I had quite an experience in dissimilar language communications while trying to absorb the sheer range and numbers of his equipment and rig. Thankfully I had prepared a list of amateur radio Q & A in English/Italian using Google Translator. We shared the common amateur radio (aka "radioamatore") language to communicate in basic terms.

'Paolo says every piece of equipment in his radio room is functional. Over the years, he has obtained items in Europe at swap meets, radio open markets, and online. He has a large supply of spare parts, many vacuum tubes, capacitors, and other stuff. He does his own work to repair and modify the various rigs. The large green box in the shack houses his home-made amplifier. He also fabricated the exterior (usually covered) capacitance tuner (40/80/160 m) outside the shack and connected to the beam. He proudly showed me that piece when I asked him about achieving resonance across bands.

The rural town of Missiano is small, and very quiet; everyone knows everyone. His radio room looks like a personal museum on display. I thoroughly enjoyed the experience. Coffee was good and strong!

I have invited 'Paolo to visit San Diego and attend a PARC meeting.

73,
Ken, KJ6SJZ





Hello Steve,

Your email requesting information on the original radio equipment for the Nantucket Lightship was just published in the Palomar Amateur Radio Club "Scope" newsletter. See: <http://www.palomararc.org/Scope/sep12scope.pdf>.

Looks like a fun, but BIG, project!

I put out a request to the Coast Guard Amateur Radio Club (www.w5cgc.org) on our Facebook page and received a couple of responses.

"Rec on Matagorda and Gresham 1959 were RBA, RBB, RBC s. They were replaced by R-390 and R-389s."

"The lightships had an URC-7 chrystal controlled xcvr used mainly on the old 2MHZ marine band. 2182, 2670 and the local district working freqs, (2686 CCGD3)"

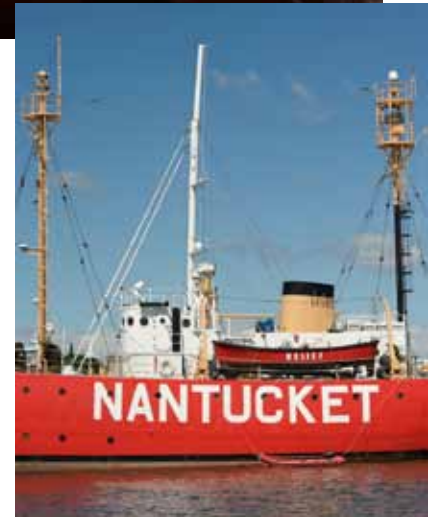
So the equipment would have included one or two URC-7 AM transceivers and likely some remote controls for them. In fact, a Google search for the URC-7 itself wound up here:

<http://www.lightship116-538.org/itemspartsneeded.htm> which looks like it would be very useful to you folks.

By now you may already know all this, but thought we'd send it along.

Good Luck with the project and 73,

Roger Gagos, K6EQ
USCG 1966 - 1970



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FOR SALE:

Our Club has received a large donation from a local estate.

We're still cataloging and checking some of the items, but needed to provide preliminary list to meet deadline for this month's scope:

Palomar ARC members receive "first dibs" AND 15% DISCOUNT off prices.

LDG AT-1000 Autotuner \$300 **Nye Viking RFM-005 Power meter \$250**

Please act quickly if interested. Items will be advertised to public after August PARC meeting. If this stuff not out of garage, XYL says I'll be moving out there too.

Call Ron K2RP (K2RP@ARRL.NET) for details, accessories, condition on all above.

Contact RBERS@live.com for info:

1. MFJ Versa Turner II MFJ941D \$70
2. MFJ Super DSP Filter MFJ784 \$80
3. Communications Specialist TE64 External Tone Generator \$20
4. Kenwood TS130S Transciever \$275
5. Johnson Low Pass Filter Mod 250-20 \$5
- 5a. Johnson Low Pass Filter Mod 250-20 \$5
6. Waters Dummy Load Wattmenter Mod 334A \$100
7. Kenwood TM231A 2 Metet Tranciever \$80
8. Radio Shack HTX242 2 meter transciever \$50
9. RG8/U cable \$15
10. Kantronics Packet Communicator 3 plus \$110
- 10a. MFJ-1272MYV Mike TNC \$20
11. Johnson Match Box SWR Bridge Mod 250-25 \$90
12. Drake Q-XER Mod593 \$15
13. Heathkit Line Monitor IM103 \$20
14. Palomar M827 SWR/power meter \$60
15. Triplett Absorption Freq meter Mod3256 \$10
16. Heathkit Grid Dip meter ModGD1B \$15
17. Heathkit AM2 SWR meter \$5
18. SWR Power Meter Cat. No. 21-524 \$15
19. Antenna Switches \$5 ea
20. GE CB 40 Channel Tranciever Mod 3-5804F \$10
21. GE CB 40 Channel Transciever HT 3-5900 \$10
22. Mag mount CB Antenna \$15
23. Hustler HF Multi-Band 5-BTV with RM80S top \$100
24. Cushcraft Ringer Ranger ARX 2 meter \$40
25. Backer & Williamson low-pass filter mod425 \$5
26. Kenwood MC60A mike \$75
27. Kenwood MC60A mike \$75
28. Navy CTE -26003A Key \$30
29. 2 Vintage J-38 keys \$20 ea.
30. GLA Systems Bug catcher Coil \$75
31. Triplett 66R Multimeter \$20
32. Heathkit V-4A Vacuum Tube Voltmeter \$10
33. Heathkit VTVM 1M-18 \$10
34. Yaesu YH55 Headset \$20
35. Vintage Brandes Headset \$20
36. ANB-41 Headset \$10
37. Archer Headphone \$20
38. Sure 444D Mike \$40
39. Sure 440SL Mike \$50

Club Membership for August Edition

New Members joining PARK.. KJ6VXW, KF7LPJ, KJ6WKB, KG6SXU, and Sherry Hughes, (No call yet)
And, 5 reinstatements, one all the way back to 1997!

All are welcome!!

AI
W6GNI

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September Fold and Staple Crew:

W6GNI AI& Kathy, KB6YHZ Art& Janet, WA5ACE Sonny, KB6NMK Jo, W6EPM Roni

Do you have a mobile installation? Do you want to have a mobile installation, and need some motivation?

We're looking for a few good mobile installations - whether they're completed, on the drawing board, or half-way done and tripping you and your passengers every time you get in and out of the vehicle - to be featured in the Scope. We'd love to show your installation.

Tips, narratives, explanations, techniques, problems encountered and solved (or encountered and evaded) are what we're looking for. Send them in!
scope@palomararc.org

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Advertisements are free for members

Have items that need to find a new home? Advertise here! Send your ads to scope@palomararc.org

For Sale

Icom IC-2820H with the UT123 DSTAR/GPS module installed. Includes Nifty Guide to Dstar and the Nifty manual for the IC-2820H. Missing the mobile mount. Includes original box. For PARC members \$650.00 including local San Diego County shipping. Contact Gary Kent W6GDK at W6GDK@arrl.net or 858-679-0578. Prefer cash, postal money order, or personal check (but delivery withheld until check clears).

73 de W6GDK
Gary Kent

For Sale

Hallicrafter SX11 with matching speaker, good condition, works great. \$150 KK6GO@cox.net or 619-224-8948

For Sale

Hammarlund HQ 129X receiver (vintage 1946) in great working condition (New Filter Caps) and above average appearance. \$150. K2RP@ARRL.NET or 760-436 -8109

For Sale

Hello:

My 93 year old neighbor (Richard Krist) has requested my assistance with re-listing his radio gear (as he is going deaf).

For Sale (BEST OFFER)

Cushcraft Ringo Ranger, Model ARX1, Vertical 2M	\$30.00
YAESU FT-1000D Transceiver	\$2,000.00
Kenwood TS-950SD, 10-160 M Transceiver	CALL
Heathkit Phone Patch, Model HD 15	\$30.00
Remote Motor driven, 6 Pos Coax SW with Control Box	\$100.00
YAESU FT 2500 M, with Astro PS 12 A	\$300.00
Kenwood TR-7330 2 M, with Astro PS7A	\$150.00
Ten-Tec Titan amp 1kw, 10 to 160 M	\$2,000.00

Contact: R. F. Krist, W6KTE, (760) 724-2786

Buyers are welcome to contact me with their offers via email or on my cell phone so that I can present them to Richard. I can send photos if that will help. Thanks for your assistance in this matter.

Regards, A good neighbor

Dennis S. Stizza
Home: 760.724.2786
Mobile: 760.717.2214
dstizza@pacbell.net

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You can join or renew your membership on the club's web site <http://www.palomararc.org>

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Featured Program:

At 7:00pm on the 3rd of October 2012, Palomar Amateur Radio Club will have our annual auction. Set up at 5:30pm, sellers allowed in 6:00pm, buyers allowed in at 6:30pm, auction starts at 7:00pm.

We look forward to seeing you at the Carlsbad Safety Center, 2560 Orion Way, Carlsbad, CA.