



Palomar Amateur Radio Club

July 2004

July Meeting

July 7, 2004
Carlsbad Safety Center

Part 2 of A Discussion / Presentation of Modern Radio Transceiver Design and Production by Achim, NC6X.

PARC Repeaters

Palomar Mt. Repeaters (W6NWX)

PARC Trustee: AB6QT

*52.680- W6NWX, -0.5 MHz.

Autopatches:

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

PKT:

145.050s (PALMAR/W6NWX-1)
146.700- (Duplex Pkt) PALBBS/
EMG use
145.070/146.7 - (W6NWX-3/PALBBS)

ATV "OUTPUT":

1241.25 MHz. am

ATV "IN":

915 wbfm, 919 am, 2441.25 wbfm

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

President's Message:

Well, the difficulty with this time of the year is that there are so many good ham things to talk about that you simply can not get them all into a single package.

PARC just completed a GREAT FD event, and details will follow next month.

Meanwhile, for all you "real hams" out there, here is a record of another great Ham Event that took place recently.

Hamvention Travel Logue 2004

May 14th - 16th! Dayton 2004. Time to get back to the roots of the hobby! So, on Wednesday the 12th. I set off on the annual trek. First I attended the PARC Board meeting for a discussion about the things that keep PARC a fun club. 8:00PM and I operate as net control of the first 2004 FD Planning net. I operate mobile, as I am also off to the airport to catch the red-eye to Dayton. Double-check everything. Handy-talky, mag-mount for the rental car, list of the things to investigate at the Hamvention, Airline tickets, car rental papers, IOOK gathering schedule. Ready.....oops. *Forgot the checkbook.* When going to a hamfest, never leave without it! My... Lindberg Field is quiet tonight. Of course, why would anyone fly out of San Diego at 11:00 PM? Through security. Lots of strange looks because of the all the radio gear in the tote bag. The security people read my FCC license and are impressed about the ham radio concept (not). I think of the return trip and wonder how the Dayton airport security people will react on return? 11:30PM and the flight takes off on time. In spite of the anticipation, it is slumber time.

Thursday May 13th. 4:45 AM. Chicago O'Hare airport is a lonely place this time of the morning. Oh, there's a McDonald's open. Coffee and a burrito breakfast. Wonder who would have ever thought that one day there would be burrito breakfasts in Chicago Illinois? Three hours to kill for the ongoing flight. Time to enjoy the conven-

ience of the wireless world, and log on to the web to surf the ham sites and see who is doing what at Dayton this year. 8:30 AM and the flight is called. We're off to Dayton. 10:30 AM, land, get the rental car, call on the 442.850 MHz WA8ZWJ repeater (the IOOK headquarters machine) to announce the arrival and am immediately greeted by ZWJ himself. Quick trip to the motel for check-in, and a shower. Same room as past 10 years, and our pet fleas are still there! I notice the weather is overcast and humid, but the forecast is for partly sunny for the next three days. FANTASTIC! Lunch with ZWJ catching up on the happenings since last year. I spend the afternoon in the IOOK communications center, playing APRS, packet, and listening and talking on the repeaters. Lots of hams talking about driving in to Dayton. *The APRS map makes Dayton the world center of the APRS plots. Literally hundreds of stations tracking in to Mecca!*

5:30 PM. The gathering of the faithful begins at the Union Ohio Toll-house restaurant. 35 Hams and guest congregate. Salad, 1/2 roast chicken and 1/2 slab of beef ribs done in fantastic sauce. \$11.50 for dinner. Not bad. Also notice gasoline at \$1.89 a gallon. They've got the same problem here. 7:30 PM and it is off to Hara Arena for the annual ritual of setting up the IOOK flea-market tent. I notice the flea market is nowhere as crowded as in past years. 10:00 PM and we are back to the hotel for some sleep.

Friday May 14th. 4:30AM rise and shine. Time to start having fun. 5:45 AM and the California Garden Kitchen opens to host the IOOK breakfast crowd. The waitress remembers all of us from last year. 5 egg California omelet, grits, biscuit, fruit, and coffee, \$5.69. *I love the Dayton prices.* 7:00 AM and we are at the IOOK booth inside the Hara Arena flea market. Out come the sale tables, and the merchandise is on display. 8:00 AM and

Minutes

Palomar Amateur Radio Club Board of Directors

June 9, 2004

The meeting was called to order at 7:12 PM by NN3V at the home of NN3V. Present were:

President, Charles Ristorcelli, NN3V

Director Merle Risdon, KR6BT

Treasurer, Jo Ashley, KB6NMK

Membership Chairman, Al Donlevy, W6GNI

Repeater Technical, Mike Doyle, AB6QT

Director, Stephen Early, AD6VI

Secretary, Dick Kalkofen, K6KAL

Treasurer's Report of 05/31/2004

Jo, KB6NMK submitted the Treasurer's Report. She indicated that one of the clubs CD's was due to roll over soon, and would visit the bank to obtain the best rate possible. Al W6GNI moved the report as distributed be accepted, and was seconded by Merle, KR6BT. The motion was carried.

Secretaries Report

Al, W6GNI moved that the Secretaries report as distributed to the board and published in the scope be accepted, and was seconded by Merle, KR6BT. The motion was carried.

Discussion Items

There was a discussion of the software used by the scope editor. Charlie, NN3V will contact Ron, NA6RS to discuss a transition plan.

Mike, AB6QT reported that he had a meeting with Michelle, W5NYV a candidate for the site maintenance coordinator to review the site and discuss the duties involved. Mike also indicated that he will be replacing one wheel on the trailer we plan to dispose of. There was a suggestion that we contact Tow-Wizard to see what they would charge to move the trailer to a disposal site. Merle, KR6BT will contact Waste Management to confirm the disposal fees.

There was a question as to the condition of the camper shell, and Mike,

AB6QT indicated with the recent clean-up and paint job, it should be good for many years.

There was brief discussion relating to Traffic Net, and Charlie, NN3V indicated he would follow up.

Merl, KR6BT will be giving us an update on the arrangements for this year's picnic, and will publish it in the SCOPE.

Membership report

Al, W6GNI notes that the club now has 447 members down from 456 last month.

Repeater Technical

All repeaters are functioning within nominal parameters.

Repeater Site

The site status at this meeting focused on the plans for the removal of the trailer.

Next Board Meeting

The July board meeting will be held at the home of AL, W6GNI at 7:00 PM on July 14th.

Dick, K6KAL made the motion to adjourn the meeting, and was seconded by Al, W6GNI. The meeting was adjourned at 8:05 PM.

Respectfully submitted,
Dick Kalkofen, K6KAL, Secretary

July's meeting will feature: BPL by Mark, KF6WTN.

August's meeting will feature:

Part 2 of A Discussion / Presentation of Modern Radio Transceiver Design and Production by Achim, NC6X.

Club Membership

New Members Joining PARC:

W6ERC, KC6ESN, KG6TFL, W9BOI, and KG6MCX.

July is a big "renewal" month due to a long past system of all members renewing in July. Still, there are many "Old Timers" that have July renewals. A couple of years ago, many gave me help by renewing for more than one year at a time. That is still very much appreciated. Save data entry and a trip to the bank for me, a stamp or two for you, and no worry about getting your SCOPE on time for a couple of years.

Thanks!!

Al, W6GNI

the gates open for HAMVENTION 2004. The hordes arrive. People start walking by, the chatter and the fun begins. Our immediate neighbor has the Hamvention live on the web. His mobile set-up running with a laptop as a server starts taking hits from all over the world as hams everywhere log on to see what is happening in Dayton. 9:00 AM and K8EI and I enter the arena itself to see what the commercial vendors have on display. Needless to say it is *a treasure trove of all the things a ham would ever want*. We go over to the Kenwood booth. Not much going on here. Kenwood has nothing brand new to show off. Over to Icom and there is the now famous ICOM 7800 with a crowd vying for an opportunity to play with the controls. All the displays are also projected on large plasma displays. The crowd is transfixed by the gear, and by the \$8500+ price! Off we go to the Yaesu booth. *We get our ritual Yaesu ball-cap*. And as we turn from the table with the ball caps we stumble into the Yaesu FT-9000 radio display. GOOD HEAVENS! What a rig. I am spellbound. There are bells and whistles never imagined. The large color display is amazing! The DSP is incredible. I talk with the Yaesu team, learn some of the features, and figuring it will take a few iterations to make sure the radio is feature free, I ask them to alert me when the 100th radio is manufactured so I can plan on ordering one. *At \$12,000 each*, I figure I have several years to save money before they have 100 sold! Back to the sale tent.

11:00 AM and it is very overcast and threatening. Not a problem, the forecast is good, and Friday's are always slow. I sell my FT-470 for the price I asked, as well as the on-glass mobile antenna, the two old cellular phones, and the digital multimeter. The IOOK tent is doing well. 12:00 PM and as the designated Hamvention chef, I prepare the lunch (Italian torpedo sandwiches) for some 20 IOOK members. 1:30 PM and it is back into the arena to visit the tower and antenna vendors. I get all the answers I needed on the tower and the step-ir antennas. We cruise the many booths (Ameritron, Ten-Tec, Daiwa, Collins collectors, ARRL, RSGB, World Radio, DX4WIN, Write log (they are not there), MFJ, INRAD, Heil, Alpha Power, Diamond, Alinco, Heath collectors, Drake society, etc). 4:30 PM I return to the flea market, tired but excited because of all the fun inside the arena. I notice the tailgate area is not very crowded,

and the weather is overcast and drizzly. Fortunately Saturday is forecast as clear, and that is usually the day when the large crowd shows up at Dayton. 6:30 PM and is time to head to the IOOK "gathering of the faithful" at ZWJ's house. Fantastic potluck dinner, lots of reminiscing and joke telling, and around 10:30 PM we head back to the hotel. 11:30 PM and to bed, worn out but with lots more to see tomorrow.

Saturday May 15th. *4:30 AM rise and shine!* Not so shiny today. Feet and back hurt from all the walking and standing yesterday. No problem! A great breakfast at the California Garden Kitchen, some strong coffee and we will be ready for another day of fun. Check the weather, go outside, and find it chilly and overcast. Better wear a jacket and take an umbrella. But it is forecast to be a nice day. 5:45 AM and the breakfast is served, and as we drive off to Hara Arena, it starts to drizzle. We park, walk the ½ mile to the arena, and the drizzle turns to cold, chilly rain. The wind starts, and we run to the tailgate area tent. No point in dragging the merchandise out of the container. Let's wait a little while. *The parking lot starts to fill with water*. From lessons learned many years ago, we are on a platform so we are some 5 inches above the lot surface. The rain continues. Several of us get the umbrellas out and head in to the indoor exhibits. We spend some 2 hours carousing the commercial vendors, and learn all sorts of neat things about new products. 11:30 AM and I must go back to prepare lunch. The rain is now intense, and yes, *it is another rain drenched and ruined Hamvention Saturday*. Lunch is outstanding because of the fun at the tent as we watch the rain fall, and joke with the hard core hams who are walking through the tailgate area in spite of the rain. We sell a bunch of stuff, and around 3:00 PM the rain lets up.

4:30 PM. W3TOM (Tom Abernathy), an IOOK VP (and ARRL Section Manager) for Maryland, comes back to the tent with a guest for the evening. *With us at the IOOK tent is Riley Hollingsworth (ARRL amateur enforcement director)!* We spend an hour chatting with Riley, with W8KUB (who has the Hamvention handy cam covering the discussions). The word goes out on 20M that Riley is at the booth, and the handycam webpage starts taking hits of increasing numbers. We spend time talking about BPL, licensing, and various

other matters. Lots of pictures are taken. And at 5:30 PM we head for the IOOK banquet at Rob's Restaurant. We gather with some 60 IOOK members, and have the immense pleasure of hosting Riley Hollingsworth throughout the evening. *Riley is inducted into the IOOK, and receives his Vice Presidential appointment, with his IOOK shirt*. What a pleasant ham operator he is. Knowledgeable, concerned, and unassuming. It is clear why he is so well respected. He departs with one humorous comment: "I doubt I'll remember any of your calls, but then maybe that is a good thing". We all get a great laugh, and he promises to check in to the IOOK nets.

10:30 PM. Back at the hotel, *we make reservations for next year, pay the bill, pack the goodies and things, and prepare for the 5:00 AM wake-up call to head to the airport and return to San Diego. 365 days to Hamvention 2005, and I am ready to get back there for more fun*.

73 de NN3V

PARC Hiker's
— Net News

Hiking Net hams get together every Friday evening at pm on our 147.630 machine. The net offers a convenient forum for trip ideas, reports on recent trips, as well as for many other topics.

The term "Hiking Net" is used very loosely. In actual practice, in addition to local day hikes and multi-day backpacking, the group involves itself with canoeing, kayaking, snow shoeing, cross-country skiing, camping, fly-fishing, astronomy, ham radio, GPS and anything else that seems interesting -- a real formal group!

A number of trips have already taken place this year. In January Bill-AA6J, Bernie-N6FN, Stan-W9FQN, Jeff-KG6AXR and his wife Julie-KG6BPP did an overnight desert backpack into Rock House Canyon, located just outside of Anza Borrego State Park, north of Clark Lake. A very interesting trip where we visited the ruins of three different Indian villages.

In April Al-W6GNI, John-KT6E, Glen-KE6ZLY, Stan-W9FQN, Bernie-N6FN

and Colleen-(non ham) participated in a three day trip to the Colorado River. After hiring an outfitter to take us and our equipment up-river on a jet boat, using our kayaks and canoes we spent two days paddling back to the starting point – Fisher’s Landing north of Yuma. On this trip we visited several old mines, pioneer ranches and located Indian petroglyphs.

Over the July 4th weekend we will be backpacking in the Little Lakes Valley area on the eastern side of the Sierra Nevada, north of Bishop. Trip report next month!

The hiking net group makes extensive use of an email reflector hosted by Tom Chester. Trip plans are posted and participants use the reflector to "sign up" for pending trips.

Two web pages host trip reports and photos of recent trips: <http://members.cox.net/bernie-n6fn/> and <http://www.fanciful.org/san-diego-hiker/>.

Join us Friday evenings if you are interested in any of these activities.

Happy Trails & 73 de Bernie-N6FN

Going to MARS

By Tony May - KG6SXY - NN0AFET

First of all, I would like to take this opportunity to thank each and every one of you that have made my introduction to MARS a pleasurable and exciting experience. I'm a newcomer to amateur radio as well as Navy MARS and wanted to share my experiences with others who may be considering whether or not to get involved and what to expect when you take the plunge.

When I originally heard about MARS, I think I came to the same initial assumption that a lot of newcomers do, "They'll never want me, I'm not in the military and I'm not in a position to join the military.", but sometimes it just takes meeting the right people to catch you before you completely write off the opportunity to get involved. Before I

get into my experiences specifically with MARS, I think it will help to give you a little background on how I got introduced to and involved with amateur radio in August of 2003.

I had never really known much about amateur radio but I was aware of its existence from time to time over the years, I just never took the time to take a really good look. A friend of mine whose father has been a ham for over a decade started prodding me about this great activity early in 2003. By August, I finally gave in and decided to see what this was all about, if for no other reason than to get him to stop hounding me so I could come back with a thumbs up or thumbs down based on my own research. He pointed me to www.arrl.net and I figured the best way to learn the fastest was to find a local club and meet a few people so I could get my questions answered face to face. It was a Friday that started my search and I emailed two clubs in my area that appeared to be a reasonable existence from where I lived. The first person to write back to me in under half an hour was a very friendly gentleman, Harry Hodges / W6YOO / AAR9LX, who immediately invited me to attend their annual picnic the next morning. Harry was also very quick to encourage my involvement with Navy MARS when he heard I was considering sending in an application a few months ago. The more people I spoke to and the more I heard, the more I wanted to get involved for the emergency services aspect. I joined a Technician class so that I would have a solid exam date that I couldn't talk myself out of for not being ready.

In the Technician class, I met a few people that were already involved in RACES and it wasn't difficult to talk me into attending their general meeting two days after we wrote our exam on Saturday, November 1, 2003. On Monday, November 3, 2003, I had been assigned my amateur call sign, KG6SXY, and headed to my first RACES meeting in the evening. My first night at RACES was a whirlwind affair and I was swimming in too much information but the most memorable event of the evening was meeting Jean Luthi / KB2T / NNN0BST who immediately started fanning the embers of excitement about

upgrading and getting HF privileges so I could help out at the EOC, operate on HF and potentially get involved with Navy MARS, all in a non-pressured way of course. I was treated to a tour of most of the facility and a very detailed walk through of the radio room by NNN0BST. From that one meeting at the EOC, I knew I wanted to get on HF and have a chance to learn as much as I could from NNN0BST. I still remember that my main concern at that time about upgrading was learning CW and I didn't realize at the time how much difference it can make to have someone lay out a study plan for learning CW in a particular sequence as opposed to just relying on tapes or CDs. CW has become one of my favorite modes but I also realize the importance of having good, solid verbal skills in an emergency and plan to work on that as much as possible over the coming months.

I know I have been very lucky to meet the right people from the beginning now that I've been involved in various activities over the past half year. It didn't take much to steer me towards operating on HF but as we all know, it's sometimes a balancing act to manage day to day living and expanding your skills at the same time. I had originally planned to upgrade to general around Christmas but I didn't manage to until Saturday, March 27, 2004. I took the same approach I took the first time around, I committed to an upgrade class and even though there was no scheduled test at the end, I made sure I booked my exam before I could talk myself out of not being ready enough to pass without making mistakes. I had no real idea how much different it is to be on HF versus the experience you get when jumping on local repeaters but since my upgrade I've been on HF practically every day.

My first big event with Navy MARS was the Rolling Thunder exercise. I was invited down to the EOC in San Diego to spend the day with NNN0BST and see what traffic handling is all about. I sat next to the radio and aside from actually handling the microphone, I copied every message I possibly could and filled in pieces I had missed when other stations asked for fills. I had the opportunity to see how a message is composed and sent by following a set of instructions and examples in the manuals on hand at the EOC. I didn't realize, then, how much detail is laid out in the training materials we receive when we

start out as a tango operator nor did I realize that there are so many opportunities throughout the week to get on the various nets and get real experience. Being that I hadn't spent practically any time on HF up to that point, I remember going home with the biggest headache from all the static and wondering how on earth anyone could get used to that and be able to operate for any length of time, much less be able to pick out every word of a message being sent. It was a mystical but very rewarding experience.

It was also informative to see how digital and voice traffic is assigned and handled in the same manner. Traffic assignments are still a big mystery to me but considering this is only my third day being actively involved with MARS, I know I have a lot more to learn and will likely continue to learn new things throughout my life with Navy MARS.

I didn't have much exposure to MARS after that, aside from the odd Monday night net at 1700h local time I managed to listen in on when I got to the EOC early enough. Being a person who loves to get involved, it's not hard to find yourself very busy, very fast. I had forgotten about filling out my application for Navy MARS until NNN0BST reminded me. After filling out all of the appropriate boxes and providing the required supporting documentation, I wasn't sure I would hear anything back for quite some time.

I was very surprised when I received a welcome letter in the mail the first week in June along with a training CD. Just a few days later, I received an invitation from Lyell / K6GVM / NNN0AGN to listen in on the Sunday evening training net and to check in, if it was possible to wideband my radio in time. I was surprised again by the friendly manner in which I was treated and invited to ask as many questions as I needed in order to get my training off to a good start. I kept NNN0AGN on the phone for a few hours getting a lot of background information on MARS, what my training will consist of, and what to expect at each step along the way. Luckily for me, my Yaesu FT-897 can be modified programmatically to transmit on MARS frequencies so it

took very little time once I managed to find the right information and the right software package for my particular radio.

I spent quite a few hours pouring over the training guide before the net started on Sunday, June 6, 2004 so I would know exactly what to expect in the exchange between NECOS and the other stations trying to check into the net. My first Navy MARS check in was exhilarating and probably the most nerve wrecking experience of my radio operator life to date. The conditions were fairly bad and I was trying to time my check in between 9 seconds of S9++ noise that repeated every 20 seconds or so. My hand was shaking and I'm almost positive my voice was less than stable but I had taken the time to write out each and every word I needed to say in order to check in and all I needed to hear was the call sign of the NECOS or the last person to make a net call so I could make my very first check in. While NNN0LFD did not manage to copy my transmission the second time I attempted to check in, I was unaware that the NECOS / NNN0GAF FOUR had heard me the first time and had already checked me in. My second check-in was a lot rockier for me than the first but that was my first fly-by-the-seat-of-your-pants check in where I was mobile with NNN0AGN and didn't have a pre-written script to read. I stumbled with the NECOS call sign the first time around and know I didn't get NNN0EVM right but the second round went much smoother. I can not even begin to describe the adrenaline rush you feel the first time you hear your call sign being acknowledged as checked in. Everyone always says it gets easier as time goes on but as a newcomer, it's easy to forget that you're not the first and you won't be the last to face your fears, learn to relax, and do the best job you can. Everyone I've met so far has been very supportive and very helpful in getting me up on the air and get the initial stage fright behind me.

I've heard that a lot of people in the past have gone through this training on their own or attended classes with a group of other people. While both approaches work, I appreciate having having people I can call upon to clarify things before I end up making mistakes on the air. It

helps to take a bit of that nervous tension away and encourage you to get on the air more often because you have alternatives to a trial and error approach.

It can only get better from here. I'm just getting started and I'm looking forward to all the new experiences the future holds for me.

Lets Have a Picnic

We plan to have the annual Club picnic at Dixon Lake in Escondido again this September. Those who came last year enjoyed the lake view and a comfortable afternoon on the wooded grass covered hillside. All are invited to take a day off and enjoy the outdoors. Merle, KR6BT

Volunteers Needed

Emergency Response Team training coming up the last four Saturdays of July in Valley Center? This training covers Valley Center, Pauma Valley and Palomar Mountain as well as the tribal nations in the area. While I have grant monies available residents of these communities who complete the July classes will be given a \$75 responder backpack!

The one piece of the puzzle our emergency plan lacks is emergency communications. While I would like to get my ham license, I think it would be far more beneficial if I could have experienced operators available for CERT operations. The premise is that CERT members stay in their neighborhoods to help out in the middle of local disasters. In Valley Center during the fires many locations didn't have electric or phones for 3 weeks. I have a grant that I am willing to allocate some monies to communication but it would be better if I could get some helpers with their own equipment where I can supplement as needed.

Please visit our website for more information on CERT: <http://www.vccert.org> or to register: <http://www.vccert.org/register.htm> County wide CERT programs: <http://www.sdcertcouncil.org>

Mary Meade, Volunteer Program Manager
760.751.8545-home
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Committee Chairmen

AREInfo.	-Dennis S	K7DCG@amsat.org
Attendance	-Al	W6GNI@amsat.org
ATV	-Art	KC6UQH@amsat.org
Auction	-Jim C.	NE6O@amsat.org
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(Net Managers) (see pg.12)

ARES Sun	-	
Staff Net	-David D	KC6YSO@amsat.org
ARES 6m	-David D	KC6YSO@amsat.org
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	-Glenn P	KE6ZLY@Juno.com
MARA	-Cathy	KE6IQU W6NWG@amsat.org
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Sailors	-Paul/Rod	NN6X@amsat.org / AC6V@amsat.org
Traffic(SDCTN)-Charles		N6TEP cmiele@juno.com

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

Contest Coral

Jul 1 RAC Canada Day Contest
 Jul 3 YV Independence Day Contest
 Jul 3 German RTTY DX Contest
 Jul 3 Original QRP Contest
 Jul 4 MI QRP Sprint
 Jul 6 Spartan Sprint
 Jul 10 IARU HF World Championship
 Jul 10 UK RTTY DX Contest
 Jul 10 FISTS Summer Sprint
 Jul 16 Mid-Summer Six Meter Contest
 Jul 17 NA QSO Party, RTTY Contest
 Jul 17 CQ WW VHF Contest
 Jul 24 Russian RTTY WW Contest
 Jul 24 RSGB IOTA Contest
 Aug 1 SARL HF Phone Contest
 Aug 7 10-10 Int'l Summer Contest, SSB

OK Guys, don't let the summer dol-drums get you down. Plenty of contest meat out there, tune up your keyboards and try some RTTY and if that doesn't do it for you, there's CW and SSB. Two real biggies: IARU World Championship and my favorite, the RSGB IOTA (Islands On The Air) contest. And....we haven't forgot about QRPers either, So, CU in the contest.

73, Harry, W6YOO

P.A.R.C. Inc (2004 Board)

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Dir#1: Merle Risdon KR6BT
760.941.0213 KR6BT@amsat.org

Dir#2: Steve Early AD6VII
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Repeater Site:
Mike Pennington KD6VHI
760.749-8888 KD6VHI@amsat.org

Membership:
Al Donlevy W6GNI
760.630.3096 W6GNI@amsat.org

New Member:
John Earnest KG6EQU.
858.484.8579 KG6EQU@amsat.org

Repeater Technical:
Mike Doyle AB6QT
760.742.1573 AB6QT@amsat.org

Web Pages

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

ARES Alert Publication
<http://sanarrl.org/alert.htm>

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Fold & Staple Crew

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KB6YHZ Art	& KB6YHY Anita
W6GNI Al	& Kathy
KG6AEW Bill	W6YOO Harry
N6UZH	& Matthew
K6ML Jim	

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

Jo Ashley KB6NMK@amsat.org
ASSETS May 30, 2004

Cash and Bank Accounts	
CD	2,843.04
CD	2,697.58
CD	3,409.66
CD	2,847.45
Checking	4,027.21
Post Office	97.74

TOTAL ASSETS \$15,922.68

LIABILITES	
Pre-paid dues	7,361.00
Prop. Insurance	1,800.00

EQUITY 6,761.68

TOTAL LIABILITIES & EQUITY \$15,922.68

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(7.2) **ICOM IC-738** HF XCVR, Very Clean no scratches one owner. This Radio has a built-in Antenna Tuner. Asking \$400.00 OBO. Please Call Bayard 6GAO at 858-755-5507 E-Mail at: ehkopf@mail.sdsu.edu.

(7.3) **Free** complete beam antenna system, 4 element 10/ 15/ 20 meter beam on 2 / 20 foot section. crank up tower. Cranks down to abt. 25 ft. for easy take down. You take down. Located at 412 So. Barnwell St. Ocean-side. Phone # 760 757 1272 Joe Craig W6HLB joec@nctimes.net

(7.4) Astron AS-7 Power Supply \$20.00, Celestron C-8 Catadioptric Telescope with Heavy Duty Tripod, Planetary motor drive, X2 Barlow Lens – Spotting Scope w/manuals & misc oculars \$800.00, 2 B&W security monitors (New) \$10.00 each, Galaxy Electronics Phone Patch PR550 w/manual \$25.00, Cushcraft R-7000 Vertical \$140.00, Panasonic Stereo Earphones Model RP-HT12 (New) \$3.00 each, Panasonic Super Compact Blank Video Tape ST-C30 (New) \$3.50 each, Tape Head cleaners, Camera power supply's ETC., other items too numerous to list. Micronta Large display clock w/battery backup \$15.00, Miniature TV Camera \$30.00, Treadmill ¾ HP \$60.00, Avenger 4000 Commercial alarm system, 6 PIR's Digital Pad, Ultrasonic, 2 Sirens, \$200.00. Realistic DX-400 General Coverage Receiver – digital Tuning \$100.00, Rotating Amber 12 volt Emergency Vehicle Light, \$20.00, Contact K7DCG @ 858-748-9046 or K7DCG@ARRL.COM.

(7.5) Kenwood TS-570D(G) HF xvc, perfect condition. With original box, manual & schematics. Plus a Realistic Microphone. \$620 Yaesu Mark-V FT-

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(4.25) **ICOM 703** HF/50 All Mode, \$450 (New), Alpha Delta Kent Morse key twin lambic Paddle TP1, \$75, **MFJ 1644** Portable Screwdriver Ant., 80-6m, manual, \$50, Carl, N6HLY, 858-484-3590

(4.2) **ICOM IC-3AT** 220 MHZ ,Very Clean w/Key Pad, PL, New Antenna, New Battery. Asking \$50.00 OBO. (1) Wilson Hand Held, Mark IV Receive 146.52 Simplex, 146.64, 147.150.I, \$25.00, Bayard K6GAO 858-755-5507.

4.4) **ICOM IC-T81A, case**, HM-75A speaker microphone, BP-197 battery case, OPC-254/L DC power cable, CS-T81 cloning software, OPC-478 cloning cable, and MH-510 triband after-market antenna. \$120. Bob KY6P. (619) 318-2217

(2.5) **ICOM IC-T81A**, case, HM-75A speaker microphone, BP-197 battery case, OPC-254/L DC power cable, CS-T81 cloning software, OPC-478 cloning cable, and MH-510 tri-band after-market antenna. \$160. Bob KY6P. (619) 318-2217.

(11.29) Tubes, chokes, transformers, capacitors, etc. for sale. I anticipate

moving and all things must go! Please contact for a detailed inventory. Call: NI6N. Email: t_osullivan_email@yahoo.com. Phone: (760) 940-8355.

(9.18) **29' Ericson Sailboat**, Auto-pilot, radio, depth sounder, TV, Microwave, Sleeps 6, Head, Galley, **Transformer**, (CV Solar, Input 115v 60cyc, Out, 120v, 25 amp.) **Transformer** (75KVA, 50% Duty Cycle, Primary 440v, Sec. Parallel low .37, 5.88, 6.2, 6.57, hi .22, 8.15, 8.8, 9.59 or Series Low 10.74, 11.72, 12.40, 13.14 or Hi-14.22, 16.3, 17.6, 19.14v, Call Art Nye, KB6YHZ, 760-758-0234

(2.22) **4 EI 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

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

Wanted

(4.5) Print or Manual for a SB 200 Heathkit Linier Amplifier W6ODU 760-749-8385

(3.9) Lafayette HA-600 or HA-600A, working or not. Contact Bill, KD6BFR, -kd6bfr@hotmail.com 760-480-6805

(2.3) Six, 12V UPS batteries (72 VDC total) 38 Ahr. gel cells. For the PALBBS computer. We could use a different Ahr. rating if necessary. Current backup batteries are getting weak.

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Monday	2100	146.730	Microwave Net
Tuesday	2100	146.730	Off-Road Net
2nd Wed	2100	146.730	PARC Board Net
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760-743-4212 or 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
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