



Palomar Amateur Radio Club

December 2003

December Meeting

Wednesday December 12, 2003

Carlsbad Safety Center

CHRISTMAS PARTY

**BRING YOUR FAVORITE TREATS
TO SHARE AND/OR YOURSELF
JUST TO SHARE YOUR TIME**

PARC Repeaters

Palomar Mt. Repeaters (W6NWG)

PARC Trustee: AB6QT

*52.680- W6NWG, -0.5 MHz.

Autopatches:

146.730-, *147.075+

* 147.130+, *447.000-

PKT:

145.050s (PALMAR/W6NWG-1)

146.700- (Duplex Pkt) PALBBS/
EMG use

145.070/146.7 - (W6NWG-3/PALBBS)

ATV "OUTPUT":

1241.25 MHz. am

ATV "IN":

915 wbfm, 919 am, 2441.25 wbfm

Intercom:

146.415 PL 79.7 nbfm

Affiliated:

*224.38- & *224.94 KK6KD (HARS)

*447.05- & *145.26 KK6KD (HARS)

*146.175+ N6FQ(FalbrkARC) linked to

*445.600 MHz (-)

*224.90- WD6HFR (Convair/220 ARC);

446.14- WB6FMT(123.0)Vista;

* = 107.2 Hz. PL Tone

President's Message:

Merry Christmas to all, and from the PARC Board and me a wish that you have a wonderful, safe, and healthy New year 2004.

The past few weeks allowed all of us to reflect on the horrific conditions that affected San Diego County during the multiple fires that roared through the area. It is my hope you, your family, and friends are well, and most of all, appreciative of the need to be thankful for the important things we usually assume are granted: health, family, friends, and community. The material things are replaceable.

PARC members can be proud of the service the Club provided during the fires. There are simply so many people who were involved in serving the community through our repeater system, both Club members as well as local hams who pitched in, that were I to try and thank them individually, I would forget someone. So to all, on behalf of the Club: many thanks for your effort.

However, I, the PARC membership, and hams and emergency service organizations throughout the San Diego area **must say thanks and "Well Done"** to a select group who made certain the repeaters remained operational throughout the fire emergency.

AB6QT (Mike), deserves we individually shake his hand for the remarkable effort he accomplished keeping the re-

peater site generators refueled, repeaters reset, controllers on line, and simply a myriad of details that required attention during the emergency. And he did this during the time he also needed to be concerned over the safety of his home and property on "the mountain"!

You can not but be astounded at the voluntary services and effort that resulted from the impromptu information net that arose on 146.730 MHz repeater beginning Sunday October 25th around 1:00 PM, pioneered by **AC6V (Rod)** and continued without stop through Thursday August 30th, attracting just too many volunteers to list in this column. Assisted by **WB6BFG (Wild Bill)**, the group ran a tightly controlled yet informal and useful net to disseminate real-time, important information on safety and related conditions, relieving the organized emergency service nets from much ancillary traffic that allowed those other nets to concentrate on safety of life services.

As we close out 2003, let's be thankful for the treasures we each enjoy, and go the extra mile to spend time with family and friends enjoying the camaraderie and benefit of the Christmas season. Happy New Year to each of you and my special wish you may have a safe and joyous holiday.

73 de NN3V

Minutes

Palomar Amateur Radio Club Board of Directors

November 12, 2003

The meeting was called to order at 7:05 PM by NN3V at the home of KF6WTN. Present were:

President, Charles Ristorcelli, NN3V
Secretary, Paul Williamson, KB5MU
Director Merle Risdon, KR6BT
Treasurer, Jo Ashley, KB6NMK

Vice President, Mark Raptis, KF6WTN
Director, Jim Cooper NE6O
Membership Chairman, Al Donlevy, W6GNI

Treasurer's Report

KB6NMK distributed the Treasurer's Report. **Motion** by KB5MU to accept the Treasurer's Report as distributed. **Seconded** by KF6WTN. Motion **passed** unanimously.

Secretary's Report

KB5MU had distributed the Minutes of the September meeting by email and in the Scope. **Motion** by KF6WTN to accept the Minutes as published. **Seconded** by KB6NMK. Motion **passed** unanimously.

Neighbor Relations

NN3V brought up an email query from K6WJH regarding the proposals from neighbors of the Club's repeater site on Palomar Mountain. Since nothing new has been heard from either of the neighbors in a while, it was concluded that no action was needed at present. KB5MU agreed to email K6WJH with this decision.

Membership Non-Renewals

W6GNI had proposed via email some ideas for encouraging some of the 98 members who have let their memberships lapse this year to rejoin. It was speculated that many of these simply neglected to renew, since normally the only notice is on the mailing label of the Scope. **Motion** by KF6WTN to send a separate notification to all whose memberships expired in January

through September 2003. **Seconded** by KR6BT. Motion **passed** unanimously.

Another idea proposed by W6GNI was to restrict the online posting of the Scope to only the first page. No action was taken on this proposal.

Club Survey

NN3V stated that several members had proposed to him that the Board conduct a survey of members in order "to see if there are things we are doing that members no longer believe necessary, or habits the Club has that are turning members away." No action was taken on this proposal.

General Meetings

KF6WTN reported that the December meeting will be the annual holiday social. NN3V reported that the January meeting will feature AC6V and WB6BFG providing a more detailed report on amateur radio activities during the 2003 fire storm, and that the February meeting will feature AD5FS speaking on the topic of modern radio design concepts.

Club Brochures

KB6NMK handed a bundle of new brochures to NE6O for placement at such places as Ham Radio Outlet, and displayed additional bundles of brochures for delivery to AA6OM and W6YOO for distribution at VE test sessions. That accounts for all the brochures from this printing.

License Class

NE6O reported that he taught a General license theory class at Scripps Hospital, under the auspices of the ARRL San Diego Section, yielding three General class and eight Technician class licensees. He is already getting inquiries about another class. KF6WTN reported that AD6VI has some classes planned.

Access to Equipment

KR6BT asked about how members could get access to club-owned equipment in a communications emergency like the recent fires, or for a communications drill like the upcoming trail run. Currently access to the club's storage facility can only be obtained through KD6TUJ. NN3V agreed to write KD6TUJ and investigate the possibility of a somewhat more convenient arrangement with our hosts.

Membership

W6GNI reported that the club membership is 461.

Repeater Technical

KF6WTN noted that the most recently installed banks of backup batteries had not been connected in time for the recent fire emergency. He agreed to contact KD6VHI and let him know that he can call on club members for assistance on projects like this, even at short notice without necessarily scheduling a formal work party.

(PARC BOARD Continued)

Event Canceled

KB5MU relayed thanks to the Board from KC6YSO for approving a public service event on one of the Club's repeaters on short notice. However, the event had been canceled, due to lack of interest by the served agencies.

Next Board Meeting

The November Board meeting will be held at the home of KR6BT at 7:00 pm on December 10.

The meeting was adjourned at 8:28 PM.

Respectfully submitted,

Paul Williamson, KB5MU, Secretary

Treasurer \$\$\$\$\$

Jo Ashley **KB6NMK@amsat.org**
ASSETS October 31, 2003

Cash and Bank Accounts	
CD	2,825.14
CD	2,679.13
CD	3,382.73
CD	2,829.45
Checking	3,729.68
Post Office	97.15

TOTAL ASSETS \$15,543.28

LIABILITIES	
Pre-paid dues	7,381.00
Prop. Insurance	1,200.00

LIABILITES	\$8,581.00
EQUITY	6,962.28

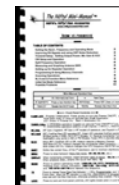
TOTAL LIABILITIES & EQUITY \$15,543.28

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PARC Pre-Meeting Meeting

All PARC members, and any hams planning to attend the PARC meeting, are invited to congregate early in the Carlsbad area and enjoy dinner with the many meeting attendees who relax and enjoy socializing before the PARC meeting. Listen to the 146.730 MHz repeater starting around 5:00 PM, and you will hear members driving to various restaurants for dinner, and an "eye ball" with fellow hams. **A GREAT WAY TO ENJOY THE HOBBY!** See you there.

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Printed December 2003 issue of SCOPE
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Signed: A.L. Donlevy Publisher
10/28/2003

CHRISTMAS SOCIAL

Join PARC and local amateur radio operators for the annual PARC Christmas Social. Featuring merriment, good friendship, and an occasion for a long "eye ball", the December meeting will be dedicated to sitting around and chatting with friends in recognition of the Christmas Holidays. Miscellaneous activities will go on throughout the meeting, and "goodies" and refreshments will be available.

**MERRY CHRISTMAS
& A JOYOUS 2004
FROM THE PARC
BOARD TO ALL**

Free Tubes

PARC North County Tube Bank offers free tubes for club members. I will deliver tubes to meetings for personal repairs (not for commercial/resale). We have a good assortment of common types (1935-1970).

E-mail WB6IQS@juno.com or call evenings 760-727-3876.

Committee Chairmen

ARESinfo.	-Dennis S	K7DCG@amsat.org
Attendance	-Al	W6GNI@amsat.org
ATV	-Art	KC6UQH@amsat.org
Auction	-Jim C.	NE6O@amsat.org
Badges new	-Al	W6GNI@amsat.org
Batteries	-David	KD6EBY DAT@Gerry.Palomar.caltech.edu
BBS Monitor	-Bill B	N6FMK@amsat.org
Billing:Ads/etc	-Lyell K	K6GVM@arrl.net
By-laws	-Paul	NN6X@amsat.org
&	-Ron	RWA9JCL r3mb@concentric.net
Contest Info	-Dennis V	N6KI@amsat.org
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D.Mar Fair-		
Emergency QTH's (Emergency Com. Centers)		
HarryH	-W6YOO	W6YOO@amsat.org
DennisV	-N6KI	N6KI@amsat.org
Field Day	-Charlie R	NN3V@ARRL.net
FDTech.	-John K	WB6IQS@Juno.com
Historian	-	
Interference	-	
Inventory	-Dennis B	KD6TUJ@juno.com
MtgGoodies	-Jim E	W6SST@juno.com
Membership	-Al W6GNI	aldonlevy@juno.com
Nets	-	
Newsletter	-Ron S	NA6RS@amsat.org
PALBBSpkt	-Bruno H	KF6QDP@amsat.org
Patch Info	-Stan R	W9FQN@amsat.org
PatchETronics	-Jerry H	WB6FMT@amsat.org
Picnic	-Paul D	NN6X@amsat.org
PowerAC/DC	-Mike P	KD6VHI@amsat.org
Programs	-Mark R	KF6WTN@amsat.org
Publicity	-Fred S	K6ISS@amsat.org
QSL Cards	-Merle R	KR6BT@Juno.com
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Red Flag	-	
Rptr Site	-Mike P	KD6VHI@amsat.org
Rptr Skeds	-	
SANDARC	-	
	-	
SellerTable	-John K	WB6IQS@Juno.com
AstSWDivDir	-	
TechSite	-Mike D	AB6QT@amsat.org
TestingVE	-Rusty M,	DuneDancer@cox.net
Training	-	W6NWG@amsat.org
TrusteeW6NWG-Mike D		AB6QT@amsat.org

(Net Managers) (see pg.12)

ARES Sun	-	
Staff Net	-David D	KC6YSO@amsat.org
ARES 6m	-David D	KC6YSO@amsat.org
Ham Help	-David D	KC6YSO@amsat.org
Hiking	-Ed	KF6DXX@Juno.com
	-Glenn P	KE6ZLY@Juno.com
MARA	-Cathy	KE6IQU W6NWG@amsat.org
Microwave	-Kerry B	
Off Road	-Jerry A	jwak6pfp@cts.com
	-Dick W	KA7AYT rwilimek@home.com
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

The Newcomer's Corner

PARC extends a special greeting to all of our new members, especially those who are new to ham radio!

Don't overlook these benefits that are part of your membership:

* A roster of the PARC membership is available from Al Donlevy at the meeting or by email at **W6GNI@amsat.org**.

* Autopatch access (PIN registration and instructions on operations) is also available from Al Donlevy.

* If you'd like a little extra advice from one of our experienced members, please contact John Earnest, **KG6EQU** by email at **KG6EQU@amsat.org**. He will match you with an elmer/mentor.

* Don't forget our great website... **www.palomararc.org**. It has the schedule of the Nets, info on events, even pictures from the last picnic!

Again, welcome to PARC and congratulations on joining an organization that has been benefiting amateur radio in San Diego County since 1936.

73 de John, **KG6EQU**

Bacon Drippings

HAMHOCK is dismayed by the damage from the fires here in San Diego County, and is impressed by the services provided on the PARC and other repeaters in the area. That is the other side of ham radio we often take for granted. Well done to the hams who helped! Note some testimonials:

1. From KF6Q (Kent) , ARRL Section Manager:

- "...to thank all of you folks that helped with the communications emergency this last week. By and large this is the worst disaster we have experienced in many years and you folks rose to the occasion. Despite the personal hardships I know that some of you faced or are now facing, you came through with flying colors! We pulled together as a team to assist our community and it is well noted..."

73, Kent, K6FQ"

2. From W6VR (Robert):

- "...monitor 146.73 MHz (Palomar) and 146.175 MHz (Fallbrook). The spontaneous "information net" that developed on 146.73 was outstanding and took quite a load off the dedicated ham emergency communication channels such as 146.265; I'm sure you will be hearing quite a bit more about 146.73 from others, including the involvement of AB6QT who took it upon himself to refuel the site generator every five hours, day and night, to keep the Palomar Amateur Radio Club ("PARC") machines running when conventional power failed....."

HAMHOCK also notes that in the past month, much happy news is to be shared. Some of it ham related, such as the results of FD 2003.

Did you see where PARC finished 1st. in Category 5F, nationwide? 2917 points for 38th place overall! Congratulations to the PARC FD Team!

Last, but not least, in the spirit of repeater etiquette (practices if you are not erudite), HAMHOCK must remind all that, if you break into a round table on the repeater and need to chat about a non-emergency matter with one of the other participants, please, please, PUUUHLEEEASE OSY to another repeater!

73 de HAMHOCK

Special Thanks To Mike Doyle, AB6QT

The following letter was published in Palomar Mountain's e-newsletter (its only newspaper) on October 30, 2003; Bonnie Phelps, Editor:

Thank you Mountain Mike!

Special thanks to Mike Doyle, Sr. of the Palomar Observatory Staff who, aided by his family, has been working around the clock to keep a key radio repeater on the air in support of fire fighting efforts. Not only has Mike been refueling the radio station's power generator every five hours, he has also made necessary repairs to other radio repeaters at the same site, in a remote portion of The Mountain.

Thank you from the Palomar Amateur Radio Club!

Bob Gonsett, W6VR

SAN DIEGO COUNTY FIRE NEWS

The radio shop for the Cleveland National Forest is yet another victim of the San Diego fires. The shop was located at Sycamore Canyon which is southeast of Poway, near the top of Pomerado Road near Scripps Ranch. Also located there was the microwave link between Santiago Peak and the Monte Vista dispatch center in El Cajon. A new 7 GHz microwave link was lost even though it had not yet been cut into operation; it was a Harris digital system. Also demolished in the fire was the Forest's new replacement radio repeater and base station equipment from Daniels Electronics (about \$400K).

Our entire staff was at the Roblar II Fire at Camp Pendleton when the Cedar Fire claimed the shop, six personal vehicles, three fire patrol rigs and one engine. Photos follow.

Mike Wingate, Regional Incident Comm. Coordinator, USDA Forest Service, Pacific Southwest Region

(As printed in the CGC Communicator)



***THAT WOULD BE SOME
TRANSMITTER HUNT AT
OUR NEXT PICNIC***



The Federal radio site on Otay took a hit during the Otay Fire. The tower got a little hot and the wind got a little strong.... [In amateur radio, there is the old adage that if your tower is still standing, it wasn't built tall enough. Evidently the federal tower was sufficiently tall! - RG]

Alex Groza, <mailto:alex@4d.net>

Contest Corral

Dec 5 ARRL 160 Meter Contest
 Dec 6 MDXA PSK31 Deathmatch
 Dec 7 ARCI QRP Sprint
 Dec 13 ARRL 10 Meter Contest
 Dec 14 Colorado Snowshoe Run,
 40M CW
 Dec 20 International Navy Activity
 Dec 20 Czech RTTY Contest
 Dec 27 Winter QRP Contest
 Dec 27 Stew Perry 160 Meter Con-
 test
 Dec 31 ARRL Straight Key Night

Compared to October/November
 this month is not a great one for
 contests; however, there is some
 CW, Digital, QRP, and Top Band
 so all
 is not lost. Complete rules are in
 QST, CQ;, NCJ, and Worldradio
 magazines. CU in the contest.

73, Harry, W6YOO

Last Month's Goodie's

KO6DV & KK6GO Sue & Ed
 K6KAL Dick
 KG6RCW Tom
 KF6MYE Jerry
 KG6RAS Roger
 KF6NZF Ed

and thanks K6KAL Dick for
 babysitting the goodie table

Last Month's Fold & Staple Crew

WA5ACE Sonny KG6AEW Bill
 KB6NMK Jo & Toby
 KB6YHZ Art & KB6YHY Anita
 W6GNI Al & Kathy
 W6HCD Nash K6ML Jim
 N6UZH Terri & Tyler & Mathew
 KR6BT Merle

P.A.R.C. Inc (2003 Board)

Pres: Charlie Ristorcelli NN3V
 858.676.3307 NN3V@amsat.org

VP: Mark Raptis KF6WTN
 760.749.4825 KF6WTN@amsat.
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 760.742-9924 Palomar Mt.

Treas: Jo Ashley KB6NMK
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 org

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

Dir#2: Jim Cooper NE6O
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Repeater Site:
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Membership:
 Al Donlevy W6GNI
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Repeater Technical:
 Mike Doyle AB6QT
 760.742.1573 AB6QT@amsat.org

Membership Committee: W6MBM
 Mike Mc Mahon KG6JMP@amsat.org
 (non-voting Member)

Jeff N6FRW

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Web Pages

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

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

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

Tom's Hiker's - KF6PAZ
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For Sale

(11.23) **Yaseu, FT-1500M** with DC cable, Mic, mounting bracket, manual and original box. Never used mobile. Non Smoker. \$90.00. 1 year old. Jim WB6YXY 760-758-7655 jkeller@cox.net.

(11.12) **Yaesu Ft-230R** 2 Mtr FM Transceiver w/SS32 PL Board. \$80.00, **Astron AS-7** Power Supply \$29.00, **Yaesu FT-757GX** HF Transceiver w/**FC-757AT** Auto Tuner & Mobile Mount MMB-20 \$600.00, **Yaesu FT-227R** 2 Mtr FM Transceiver \$50.00, **AEA PK-232MBX** TNC w/manual and AC Adaptor \$35.00, **Kenwood ST-2** Base Charger for Kenwood TR-2500 handheld \$20.00, **Kenwood W09-03154** Trickle Charger for Kenwood Tr-2500 \$3.00, **Icom IC-47A** 440 MNhz FM Transceiver w/mag mount antenna \$90.00, **Celestron C-8 Catadioptric Telescope** with Large Tripod, Planetary motor-drive, X2 **Barlow Lens**, Spotting Scope , w/manuals \$850.00, 2 **B&W Security Monitors** \$10.00 each, 2 **Larsen** 6 Mtr 5/8 wave antennas fits NLA mounts \$15.00 each, Contact Dennis K7DCG @ 858-748-9046 or email: K7DCG @ ARRL.NET

(10.13) **Yaesu FT-817** package - includes the FT-817 and microphone, 500 Hz Collins filter, LDG Z-11 auto tuner and balun, W4RT One Plug Power battery, original battery and battery door, dry cell holder, Buxcom Rascal soundcard interface and software, Waters and Stanton AT80 portable antenna and HF-project 30 watt amplifier (needs work), manual. \$600.00. **SGC 2020 HF** transceiver with ADSP2 and microphone-\$450.00 Gary, W6GDK at (858) 679-0578 or w6gdk@arrl.net

(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, Primayr 440v, Sec. Parallel Low 5.37,5.88,6.2,6.57 — Hi 7.22,8.15,8.8,9.59 or Series Low 10.74,11.72,12.40,13.14 or Hi,

Personal equipment ads are free to members and could be "bumped" after 3 months. Make up your ad like the ones on this page. Send to Scope before the 18th of each month.

Commercial Ads in big boxes: \$2/col. inch/mo. We will "squash" your copy to the number of inches bought.

SCOPE@palomararc.org

14.22,16.3,17.6,19.14v, Call Art Nye KB6YHZ, 760-758-0234

(7.20) Schematic needed for a Datong Automatic R.F. Speech Processor, Model ASP. KH6OG, Bill, (619) 237 1142

(6.19) 10' Satellite System free to user.

Ron, NA6RS@amsat.org or 760-822-5170

(6.12) **GENERATOR Generac 3500XL** Rated (Running) 3500 Watt, Surge (Starting) 4375 Fuel Tank 4.00 Gallons, Engine 6.5 HP Generac OHVI Weight 115 Lbs, \$ 425.00, (Used about 10 total hours run time.) **K6KAL Dick Kalkofen** (760) 519-0670

(2.22) **Alliance Heavy Duty Rotator, HD73**, new, unpacked, \$100, **Kenpro KR-400 Rotor**, used, new control box, \$50, **Honda portable gen. EM-400**, 300w, 120v, 12v, \$200, **Koolatron 12v thermal electric cooler/warmer**, \$30, Ivan, W6TET, 619-276-7148, 858-273-0219

(2.22) **4 El 10 Meter Yagi Beam** All stainless hardware w/W2DU Beam 50 Ohm Balun. Only up for short time, Very clean, Works very well. \$75.00 OBO Bayard **K6GAO** 858-755-5507

(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:

(8.15) Looking for a Kenwood TH-79(A)

(AD) LCD module to repair my handie-talkie. W6/VE7CQA (858) 942-5502

A Little Humor

In his book, "Sled Driver," SR- 71/ Blackbird pilot Brian Shul writes:

"I'll always remember a certain radio exchange that occurred one day as Walt (his backseater) and I were screaming across Southern California 13 miles high.

We were monitoring various radio transmissions from other aircraft as we entered Los Angeles airspace." "Though they didn't really control us, they did monitor our movement across their scope. I heard a Cessna ask for a readout of its ground speed. 90 knots" Center replied.

Moments later, a Twin Beech required the same. "120 knots," Center answered.

"We weren't the only ones proud of our ground speed that day. Almost instantly an F-18 ugly transmitted, "Ah, Center, Dusty 52 requests ground speed readout."

"There was a slight pause, then the response, 525 knots on the ground, Dusty". "Another silent pause. As I was thinking to myself how ripe a situation this was, I heard a familiar click of a radio transmission coming from my backseater. It was at that precise moment I realized Walt and I had become a real crew, for we were both thinking in unison.

"Center, Aspen 20, you got a ground speed readout for us?"

" There was a longer than normal pause: "Aspen, I show 1,742 knots"

"No further inquiries were heard on that frequency"

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Tuesday	2100	146.730	Off-Road Net
2nd Wed	2100	146.730	PARC Board Net
Thursday	1930	147.075	Young Hams Net
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Friday	2100	146.730	Hiker's Net
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PARC Testing

Carlsbad - 2nd. Saturday at 9:30 am in the Carlsbad Safety center.

Contact Rusty **AA6OM**
760-747-5872 or dunedancer@cox.net

EARS Testing

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Contact Harry **W6YOO**
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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
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