



Scope

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Dec
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Palomar Amateur Radio Club Inc.

also ATV &
4 Autopatches

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Send \$12 Dues To:
PARC, Box 73
Vista CA 92085-0073

POSTMASTER: Send address changes to SCOPE, P.O. Box 73, Vista CA 92085-0073.
See pg. 12: PARC Frequencies, Club Officers, and PARC Nets.

Club Meeting

Charlie Ristorcelli NN3V@amsat.org
(Meetings are held the 1st Wednesday of each month at the Carlsbad Safety Center in Carlsbad at 7:30 p.m. although most come at 7:00. See map on page 12 for directions -Ed)

December Program. -

Fellow hams: It is time to have a party!

Yes, the time has come to enjoy the Holidays with fellow hams, and family members. And PARC looks forward to a simple night of cheer and good fellowship.

This month we will celebrate with our traditional "Holiday Social". We invite everyone to come join us, bring along a small plate of goodies (the higher the caloric content, the better of course), and sit around and spend a simple time enjoying "eye ball QSOs".

We invite anyone who has something to show and tell to plan on doing so. Bring that favorite toy, that special project you labored so carefully to complete, or a tall yarn that will make us laugh.

Also, for those of you interested in having some extra fun, and sharing some laughter with the rest of us, feel free to engage in a "Pink Elephant Holiday Gift Giving".

We will set aside a time period when you can surprise that one fellow ham to whom you wish to offer cheer all next year, and who will benefit from your generosity with a genuine

"Ham Treasure" that only you comprehend!. The rules are fairly simple. Any of you who decide to "trasure gift" someone must ensure that the gift cost less than \$5.00 (if it costs anything at all!), weighs less than 10 lbs., and **MUST BE REMOVED FROM THE PREMISES AT CLOSING TIME!** (HI HI HI....).

Please understand that joining in the fun gift giving IS NOT A REQUIREMENT to attend the December meeting.

So, we look forward to seeing you at the PARC Holiday Party, and for those of you who come to Carlsbad early, we will see you at one of the favorite eateries before the meeting. Remember, talk-in on 146.730 MHz.
73 de NN3V

Coming Events.

Dec. 5th, Wed - Club Mtg. Election
Dec. 12th, Wed - Board Mtg. (NN3V)

Club Election (update)

The nominating committee submits the following club members for the 2002 Board and recommends that you vote for them at the December meeting:

NN3V - Charlie Ristorcelli - President
KF6WTN - Mark Raptis - VPresident
KB6NMK - Jo Ashley - Treasurer
KB5MU - Paul Williamson - Secre-

tary
NN6X - Paul M. DeCicco - Director #1
NE6O - Jim Cooper - Director #2

Goodie Table

October: N6ISCPaul, K6ISSFred, and KE6ZLYGlenn brought goodies.

November: N6QVWOrlando brought goodies.

KD6TUJDennis and W6SSTJim handled the goodie table both months.

Lost & Found

Someone lost a glasses case at the November meeting. See W6GNIAI at meetings.

Board Mtg. (Minutes)

Sonny Stires WA5ACE SStires@prodigy.net
November 14, 2001

Meeting called to order at 7:00 P. M. by Charlie NN3V

Board members present: Al W6GNI, Jo KB6NMK, Stan W9FQN, Mark KF6WTN, Charlie NN3V, Sonny WA5ACE.

Absent were: Allen N2DCA, Ted KF6BFI, Mike AB6QT

No Guests were present.

Both the Treasurer's Report and Auction Report were given by Jo and approved.

Board discussed opening a checking account at Washington Mutual.

Letters from David Doan and Norman Swanson were read to the board.

Al advised that our current membership is 526. Also, member's participation points will be on the SCOPE address label.

Potential programs for December were discussed. Perhaps a "Show and Tell" and/or a white elephant sale not to exceed \$5.00 and 10 Lbs. It was suggested that various food(s) may be brought to the meeting.

Directors reports were given by: KF6WTN Mark, W9FQN Stan (emphasis on PARC's repeater site – to include batteries).

Board approved purchasing for the repeater site breakers and other parts. Stan will coordinate this.

Last month's minutes were approved. Mark furnished delicious goodies at the board meeting.

Meeting adjourned at 8:14 P. M. Respectfully submitted, Sonny Stires, WA5ACE. Temporary Secretary

President's Message

Allen Maslowski N2DCA@amsat.org

November's program, the annual auction, was the best auction held at the Palomar Amateur Radio Club in the last couple of years. I couldn't believe that there were more sellers this year than we had "For Sale" tickets.

The amount of other people's gold was outstanding. The exchange of equipment was well received and I thank everyone involved in the preparation and presentation. Art, **KC6UQH**, did an outstanding job again this year. This is one of my favorite programs that is presented at the club. I hope it is yours also.

December marks an end of another year for the club board of directors. In the next year to come, the club will have a new board of directors to govern PARC. There will be changes ahead that come with every new board. The job of the board is not an easy one and I'm sure that the new members of the board will keep up the tradition and standing of the PARC to the community. You the members of the club have selected these people for the gov-

erning body and I wish them good luck in their endeavors.

Some of you may be wondering why I didn't seek reelection. The reason I decided not to is simple. After three and a half years as president and two years as vice president, I thought it was someone else's turn at bat. I will be devoting more time to my family, job and my interest in QRP. I have enjoyed my term as president and some parts of the job I will miss. As with all jobs, there are also some parts that I will not miss or even think about anymore. I guess that goes with the territory. So I wish the new board members good luck in the job ahead.

December also brings the Holidays and the hopes of new equipment under the Christmas tree. That's always a delight for all. Just remember its not the size or the price of the new piece of gear that should excite you, but the thrill of making friends throughout the world with it. VHF or HF it doesn't make any difference. I hope you really enjoy yourself with your family for the Holidays and have a safe and Happy New Year.

See you on the Air, N2DCA Allen

Club Membership

Al Donlevy W6GNI aldonlevy@juno.com
Great News: More New Members
Joining PARC: **N6BIV**, **KG6IJJ**,
W8LOV, **WA8ZHG**, and **Mike
McMahon** (No call – yet!)

And, a member that joined one year ago, **WA7FUI**, sent in his renewal for 5 years, way to go Jim, and thanks.

When you hear these calls on a repeater, greet our new members.

"Participation Points". These activity points earned by: attending club meetings, attending board meetings, attending the club picnic, bringing goodies to meetings, working at field day work parties, working field day (point per day), repeater site work parties (2 points per day), being a net manager, and possible other contributions, as approved by the board.

OK? This month is a test of the system. Check your label, on the line

where your name is. Printed there is the number of activity points that I think you have. There should be one point for each club meeting attended from August thru November (4 possible), 2 for each mountain work party attended, one for each fold and staple meeting (4 possible), one for each time goodies were brought to the club meeting, one for each board meeting attended.

In order to get the points, **you must sign the sign-in sheets**, or have your **call listed in the SCOPE**. This list of points does not have any field day points (last year), or any net manager points (yet).

If you think that you have been shortchanged on points, please send me e-mail at **aldonlevy@juno.com**, or drop me a note at the membership table during a meeting.

It will be helpful to know where you feel you were short changed, so I can search the SCOPEs or the sign-in sheets for your call. I know there are three or four members that have too many points assigned, this will be corrected next time!

Just another reason to check your SCOPE label.

73 and Thank you. Al, W6GNI

E-mail

de W6VR:

AMSAT NEWS SERVICE newsletter #217 carried the following story, as forwarded to me by Bill Pasternak, editor of Amateur Radio Newline. Please consider it for publication in your clubs' newsletters.

Two corrections should be made:

Our family name is spelled Gonsett (with two Ts), not Gonset. However, six letters fit better than seven into the diamond-shaped logo that my father wanted to use for the company name, so the name 'Gonset' was born and became the official business name.

The other correction is that my father was founder of the Gonset Company, not Gonset Laboratories. The latter, while a pleasant sounding name, simply did not exist.

Best 73, Bob Gonsett, W6VR

(formerly WA6QQQ)
W6VR@amsat.org

Return-Path: <owner-ANS@AMSAT.Org>
Date: Fri, 3 Aug 2001 16:12:26 -0500
From: Dan James <nn0dj@wikel.com>
To: "ANS Release" <ans@AMSAT.Org>
Subject: [ans] ANS 217

AMSAT NEWS SERVICE ANS 217

ANS is a free, weekly, news and information service of AMSAT North America....

--- Extract ---

ANS salutes Faust Gosset, W6VR, Amateur Radio author and technician and founder of Gosset Laboratories. W6VR is best known for bringing affordable VHF equipment to amateur market. He is among the inaugural group of 50 inductees into the CQ Amateur Radio Hall of Fame. The Hall was established to recognize those individuals, whether licensed radio amateurs or not, who significantly affected the course of

Amateur Radio; and radio amateurs, who, in the course of their professional lives, had a significant impact on their professions or on world affairs. AMSAT and OSCAR supporters/notables on the CQ Hall of Fame list include K1JT, K1ZZ, W6SAI, W2SKE, W8JK, K7UGA, W6ZH, W3ASK, W1HR, KA9Q and W3IWI. [ANS thanks CQ Amateur Radio magazine, published by CQ Communications, Inc. for this information]

de Tom Chester:

Don't know if someone has already posted this info, so am sending it to you. You can post it if you think it is of interest to the hams and it hasn't already been posted to the group.

<http://www.usna.com/WhatsNew/2001/Satellite.htm>

Midshipmen's project transmits ham signals

Grand Canyon

DXing

Glenn Paden KE6ZLY@Juno.com

As many of you know for a couple of years I was planning to go into the Grand Canyon and do some DXing with the help of some of my friends with a higher class license.

On September 6th I finally got packed and left Chula Vista for Meadview, Arizona, Gateway to the Grand Canyon. On September 7th I met my friend Erwin, **WB7ATT**, from Dayton, Ohio at Meadview and we drove down to Pearce Ferry which would be our home base for the next three weeks.

The first major task after arriving at our campsite was to get our antennas up before dark so we could get on the HF bands. There were no tall trees in the campground but there was a hill beside our campsite so we climbed the hill and tied one end of our 80 meter dipole to a rock on top of the hill, then ran it down to my fiberglass hot stick extended to about 15 ft to which we attached the center insulator and then down to a

bush about 8 ft high.

Our 20 and 40 meter dipole antennas were inverted V's coming off the same center insulator.

We had daily nets we listened to on 20 and 80 meters. We and the people on the nets were very surprised how well our antennas worked with the center point only 15 ft from the ground and our campsite being deep down in a hole with 3,000 to 4,000 ft cliffs in almost every direction. My friend Erwin gave our location on the radio as being at the bottom of the Grand Canyon and this caused a real "pile up" from all over the US. However it was really about 2 miles to where the Grand Canyon started and the cliffs around us were the Grand Wash Cliffs but it was still very impressive and we felt like we were in the bottom of the Grand Canyon.

While we were there at our campsite we were able to contact stations all around the world, Japan, Russia, Ukrain and RA3AJ which we were not

Treasurer \$\$\$\$\$
Jo Ashley KB6NMK @amsat.org
See me at club meetings for "hard copies" of financial statement(s).
Last month's Scope Helpers:
Thanks to Art and Anita for the folding space and the refreshments. (Below, fold & Staple Crew)

Location	09.30.01	11.02.01
CD179-1311891-8	3,090.97	3,104.00
CD8761216457-6	2,477.40	2,485.89
CD8761216625-9	2,626.30	2,626.36
CD8761216778-6	2,602.03	2,610.68
CD8761391556-4	3,137.24	3,149.85
Checking 010566	1,642.94	858.36
Post Office	102.89	103.27
Ca\$h+CD's	15,679.83	14,938.41
LongTermReserve	7,000.00	6,000.00
Equip. Self Insure	0	600.00
Pre-Pd.dues	7,584.00	7,246.00
projects/available	1,095.83	1,092.41

W6HCD Nash Williams		N6OYG Victor Musil
K6ML Jim Paquin		WA6UTQ Larry Ruegseger
N6UZH Terri Brewer	&	MY2KID , Tyler/Matt
KB6NMK Jo Ashley		KG6AEW Bill Owen
W9FQN Stan Rohrer		W6GNI Al Donlevy
KB6YHZ Art Nye	&	KB6YHY Anita Nye
KC6WAN Ralph Powell	&	Sylvia (xyl of KC6WAN)

PALOMAR ENGINEERS
Box 462222, Escondido, CA 92046

TOROID CORES
Palomar stocks a wide variety of cores and beads. Our RFI Tip Sheet is free on request. Our RFI kit keeps RF out of your telephones, TVs, stereo, etc. **Model RFI-4 \$25 + tax + \$6 to ship.**

BALUN KITS
Ferrites slip over coax. Shrink tubing holds them in place. Works from 3.5-60 MHz (Use two kits for 160 m).
↓

Model BA-58 (for RG58, RG8X & similar cables up to 1/4" dia. \$7.50 + tax + \$6 S&H/order
Model BA-8 (for RG-8, RG-213, 9913 and similar cables up to 1/2" diameter. \$15.00 + tax + \$6 S&H/order

TUNER-TUNER
Tune your tuner without transmitting. Save that rig! Just listen to the Tuner-Tuner's noise with your receiver. Adjust your tuner for a null and presto! You have a 1:1 SWR.
Model PT-340 \$99.95 + tax + \$6 S&H

See catalog at www.Palomar-Engineers.com
Please check our complete ads in **QST, 73, CQ, and World Radio** magazines.

sure where that was, just to name a few.

On the morning of September 11 we checked into our usual 80 meter net and on the net they mentioned about the plane crashing into the New York Trade Center but there was not much detail known yet. After the net we were talking to a Ham in Urawa, Japan, JA1CG, Haruo Takahashi, who was watching the terrorist attack on the World Trade Center on his television, and he began giving us all the details of the attack as they developed. It seemed very strange to be hearing all the details of the attack from a Ham in Japan while it was all happening in New York and Washington DC.

As the details unfolded and it became apparent how tragic the event was, he began to express his deep sympathy for us Americans. He said he was very very sorry about the attack.

The terrible events of 9-11 got us all stressed out and made the rest of my vacation very difficult. For a couple days we did not do any DXing we just checked into the 80 meter net and talked to our friends on the net and listened to the news. After a couple of days we went to Meadview to get some groceries and while there we decided to go to Diamond Creek in the heart of the Hualapai Reservation.

This is the only place within the Grand Canyon that you can drive to the Colorado River. It is about 21 miles from Peach Springs on old US 66.

While we were there by the River at Diamond Creek there were a lot of DX stations coming in loud and clear. We tried to get back to a station in Cayman Island but the big guns crowded us out. I am sure we could have contacted him if we would have had time but we wanted to get back to our camp before dark and it was about 12 miles back to Pearce Ferry.

There was an old time Ham there at Diamond Creek and he was very surprised how well the DX stations were coming in down there in the depths of the Grand Canyon.

Stan, **W9FQN**, arrived on the evening of September 13th and we started getting ready for our trip up into the Grand Canyon.

Friday, September 14th we spent most of the day figuring out how to rig our canoes with a motor. We finally ended up with 3 canoes hooked together with a 2 x 6 in front and a 2 x 4 in back with the motor on the middle canoe, which made a very stable trimaran.

On Saturday morning, September 15th we started our 40 mile trip up into the Grand Canyon. By dark we arrived at a location in the Grand Canyon called the Bat Cave, 17 miles up the canyon where we spent the night.

The next morning I decided I was too stressed out to go on the rest of the trip with Erwin and Stan. I had too many things happen prior to the trip--one of them being that Gloria broke her knee cap a month before I left, and then the 911 terrorist attack. I was not really prepared for the trip, mentally or physically. So Stan and Erwin took me back to our camp at Pearce Ferry and turned around and went straight back up the canyon to complete their 40 mile trip to Separation Canyon, which took about 2 days. Then they spent the rest of the time exploring on down the canyon back to Pearce Ferry. All in all they were gone 6 more days after taking me back to camp. The 6 days they were gone seemed like forever.

Some scientists that were studying birds in the canyon, and the river rafting guides kept me informed of Stan and Erwin's progress each day.

Their canoeing rig stood out in the canyon like an elephant in a pasture of sheep. Everybody in the canyon knew where they were at all times and where they were camping each night.

I was very sad that I didn't get to do any DXing in the canyon on our canoe trip, but our main objective was to get to Separation Canyon, and my canoe got there even if I didn't. I know my canoe was very very lonely and sad without me being there, and his tears flowed into the river and were lost forever.

Committee Chairmen

ARESinfo.	-Dennis S	K7DCG @amsat.org
Attendance	-Al	W6GNI @amsat.org
ATV	-Bills KB6MCU	W6GIC @amsat.org
Auction	-Ted W	KF6BFI @amsat.org
Badges	new -Al	W6GNI @amsat.org
Batteries	-David KD6EY DAT@Gerry.Palomar.caltech.edu	
BBSMonitor	-Bill B	N6FMK @amsat.org
Billing:Ads/etc	-Lyell K	K6GVM @arrl.net
By-laws	-Paul KF6VIE pdecicco@pondlaw.com & -Ron RWA9JCL r3mb@concentric.net	
Contest Info	-Dennis V	N6KI @amsat.org
ControlOps.	-filled	W6NWG @amsat.org
D.Mar Fair	-Barbara R KA6FPS	Tennis42 @Juno.com
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	-Stan R	W9FQN @Juno.com
Interference	-Bills KB6MCU	W6GIC @amsat.org
Inventory	-Dennis B dennis KD6TUJ @juno.com	
MtgGoodies	-Jim E	Whisky6SST @juno.com
Membership	-Al W6GNI	aldonlevy @juno.com
Nets	-	
Newsletter	-	
PALBBSpkt	-Bruno H	KF6QDP @amsat.org
Patch Info	-Stan R	W9FQN @Juno.com
PatchETronics	-Jerry H	WB6FMT @amsat.org
Picnic	-Mark R	KF6WTN @amsat.org
PowerAC/DC	-Mike P	KD6VHI @amsat.org
Programs	-Charlie R	NN3V @ARRL.net
Publicity	-Fred S	K6ISS @amsat.org
QSL Cards	-Merle R	KR6BT @Juno.com
RACESinfo	-Jo A	KB6NMK @amsat.org
Red Flag	- W6HCD	NashWilliams@Compuserve.com
Rptr Site	-	
Rptr Skeds	-	
SANDARC	-Sybil A	W6GIC @amsat.org
	-Bill S KB6MCU	W6GIC @amsat.org
SellerTable	-John K	WB6IQS @Juno.com
AstSWDivDir	-Walt	WA6ODQ @arrl.net
TechSite	-Mike D	AB6QT @amsat.org
TestingVE	-Rusty M,	DuneDancer @worldnet.att.net
Training	-	W6NWG @amsat.org
TrusteeW6NWG	-Mike D	AB6QT @amsat.org
Web Site	-Frank L	KE6WOE @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	KE6ZLY @Juno.com
MARA	-Cathy KE6IQU	W6NWG @amsat.org
Microwave	-Kerry B	N6IZW @qualcomm.com
Off Road	-Jerry A	jwak6fp @cts.com
	-Dick W KA7AYT	rwilimek @home.com
Sailors	-	
Traffic(SDCTN)	-CharlesN6TEP	cmiele@juno.com

Names in heavy type are looking for replacements. Appointed members serve until they find a replacement that is approved by the Board.

Questions about club policy or for information can be addressed to **W6NWG**@amsat.org or P. O. Box 73, Vista, CA 92085-0073.



For Sail

(11.25)**Kenwood** TS-520D (80-10m) Excellent condition, low hours, CW filter & DC converter options w/user and maint manuals \$225; Bernie N6FN 760-781-5522Wk, 760-746-7411Hm.

(11.20)Ten-Tec HF Corsair 80-10m w/ pwr sup \$300; Kantronics Kam + cables, Hostmaster 11 + Pactor \$100; Yeasu FT227R 2m Memorizer \$30; Icom IC25H \$30; Isopol ant \$10; G5RV full size 80-10m new \$30; HP Desk Jet 660C printer \$40; Max KB7RNP maxkb7rnp@aol.com 909-696-8495.

(11.19)10m 4el beam SS hardware asking \$75; 13el 2m beam SS hardware \$30; Bayard K6GAO 619-594-6063 days or 858-755-5507 nights.

(?????) please note that I lost this month's ads to a computer program crash so I might be missing some of the recent ads and including some that need to be dropped. Sorry about that! -Ed)

(9.19)**N6OLE** Home made Grid Dip Meter with docs, must see to appreciate this work of art(Best Offer); Sears **ROAD-TALKER40** SSB XCVR \$50; military throat mic + headphones BO; Precision "Steel Six" lab mtrs. \$5 ea; Proximator I vehicle det. \$2; **Olson** CB067 Swr Mtr. \$3; Keithly Auto R. Mtr. \$15; Motion Det. Solfan 5240 \$5; 25v.3A Reg. Pwr Sup \$20; Sabetronics Freq. Cntr mod. **8110A** \$20; **Healthdyne** Lab digital thermometer mod. 2000 \$5; call AB6QT at 760-742-1573 after 5pm.

Jeff N6FRW

Grace N6WPA

The NiCd Lady Company

O.E.M. Assembly
Rebuilds
Batteries-Lead Acids
Replacement Packs

20585 Camino Del Sol Unit B (909)653-8868
Riverside, CA 92508 Fax (909)653-5189

Personal equipment ads are free to members and could be "bumped" after 3 mo. Make up your ad like the ones on this page. Send to Editor, W9FQN, 30311 Cir. R Ln, Villy. Ctr. CA 92082, (W9FQN@Juno.com) before the 20th of each month.

Commercial Ads in big boxes: \$2/col. inch/mo. We will "squash" your copy to the number of inches bought. W9FQN@Juno.com

(10.27)**Heathkit**-SB-200 amp(10-80m) \$300; **KENWOOD** TMV7A 2m/440 mobile w/mobile mount -no separation cable \$325; **ICOM** 706 w/separation cable \$500; **ICOM** 471A allmode 420-450 mhz \$400; **TIMEWAVE** DSP 59+ make offer No trades. KO6ET@amsat.org Steve.

(10.22)**BNC** cables are RG-63/U, 93 ohm, about 25 feet long \$1ea; Fred Brown fwb@cts.com Palomar Mt.

(10.18)**Bird** Mod43 Thru-line watt meter

w/elements (50w/100-250; 500w/2-30; 10w/25-60MHz) \$200; **Eico** Grid Dip \$10; **Heath** 5010A keyer and code practice \$10; Lakeview "Ham Sticks" mobile ant 9140 & 9120 \$10 each; Jerry W6GMB 858-674-0874.

(10.13)Hy-Gain TH-7DX Tri-Band HF Yagi. Many new Stainless and Plastic parts. 7El 24ft boom, \$100; Dennis N6KI SDiego 858-271-6079 or n6ki@amsat.org

(9.05)**Kenwood** 30A pwr new box \$??; **Icom R100** unblocked scanner 1-1856MHz \$400; **Yaesu** FT23 TTP-EC/DC \$124; **Yaesu** FT7005 TTP-EC/DC \$150; Yaesu Spkr mic \$30 & VOX headset \$20; Yaesu(2) NC29 chargers \$50ea; Yaesu NC37 charger \$55; (above OBO + 4 batteries); Complete listing of above and other items at meeting (see W9FQN): Stu K6EXL 760-757-9206.

(8.20)**Heathkit** DX-35 Transmitter, Heathkit Conelrad Alarm CA-1, Titen 6 meter base amplifier 100w, WRE Decade Resistor model ARD-41, HP 34072A digital multimeter & will accept reasonable offer: Harold KG6DVD 760-630-8701

(6.29)**Icoms** IC-2100H \$139 OBO 5mo old w/instructions manual box & no mods; IC-T7H Dual Band Handheld \$139 OBO manual, box, gud condition, little use: KG6AZK 619-588-2493 jacox@home.com

- (5.09)**ESTATE KG6AMQ(SK)** Sale-
1. **Yaesu** YS-60 1.6 - 60 MHz Power & SWR Meter. Meter has 0 - 2 Kw power handling capacity. Mint condition \$140
 2. **VCI** V300M 300w HF ant. tuner \$85
 3. **Yaesu** SP-767 speaker and phone patch. Ideal for use as a phone patch and external speaker for any HF rig \$80
 4. Radial **Larsen** 2m glass mt 1/2 ant \$40
 5. **Van Gorden** HI-Q 1-1 Balun \$20

HAM

RADIO

OUTLET

H
R
O

Tom KM6K
Ron N6OMW
Jose XE2SJB
Bob KA6EKT

KENWOOD
rf **CONCEPTS**
DIAMOND
US TOWERS
KANTRONICS
YAESU
MFJ, ICOM
BENCHER, Inc.
HUSTLER
COMET
AMERITRON

Astron,
AEA,
OUTBACKER
Larsen Antenas
TEN-TEC
hy-gain, Tri-EX,
cushcraft
and
others too
numerous to
mention!

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

Open: 10a.m. - 5:30p.m. Ask about our great prices
Monday thru Saturday
858 560-4900 or toll free **1-800-854-6046**
5375 Kearny Villa Rd, S. D.

Dec98

Directions: On 163, take **Clairemont Mesa Blvd.** off ramp to East. Stay in right-hand lane. Turn right at stop light. As you are turning right you can see our beams in the shopping center. Travel 100 yds. on Kearny Villa Rd. and U-turn back to shopping area and **HRO** sign. Be sure to see our equipment in action on **real** antennas.

6. KB6MT High speed code course (3 cassette tapes & manual) \$15
 7. **Technician** "No-Code Plus" FCC license preparation course. 3rd. edition. Question effective through June 2001 \$5
 Prices negotiable to best offer, contact 619-686-5607, or NN3V@amsat.org

WANTED: (A few good men/women) ☒

(10.22) Need diagram of **Tempo-1**: Fred Brown fwb@cts.com Palomar Mt.

(8.26) Wanted Heathkit Apache transmitter and **Heathkit** Mohawk receiver: Hugh K4ESQ via W9FQN@Juno.com

(5.28) **Wanted kit builder** (elecraft k1 kit): Don KF6NMA Poway (858) 486-5927 donald@henkearchitect.com

Contests

Harry Hodges W6YOO@amsat.org

Dec 1 TARA RTTY Sprint
 Dec 2 Tennessee QSO Party
 Dec 2 QRP Sprint
 Dec 7 ARRL 160 Meter Contest
 Dec 15 ARRL 10 Meter Contest
 Dec 15 Croatian CW Contest
 Dec 29 Canadian Winter Contest
 Dec 29 Stew Perry 160Meter Contest
 Jan 5 ARRL RTTY Roundup
 Jan 11 Japan Int'l Contest
 Jan 12 N. Amer QSO Party, CW

Not many contests this month. A couple to help your Worked All States quest. The two 160 meter contests might encourage you to experiment with antenna design to get you on 160 meters. Rules are published in QST, CQ, NCJ, and Worldradio magazines. CU in the contest. 73, Harry

Chem. Emergency

How to Shelter in Place

If a hazardous chemical emergency occurs in your neighborhood, ... take action quickly. During a hazardous chemical emergency, you should go inside and stay put. ...

Go inside: Turn off heaters and air conditioners and close fireplace dampers. Close and seal all doors and windows. Cover your nose and mouth with a wet cloth if necessary. Listen to your radio or TV. Wait for the all clear sig-

nal before you move outside.

Make sure your emergency kit includes the following:

two rolls of duct tape
 scissors
 towels
 drinking water
 toilet supplies & any necessary

medications

a portable, battery operated radio
 a flashlight
 extra batteries and once again, your checklist

Store your emergency kit in a place you can get to quickly and easily. Then rehearse by having emergency drills. ...

The following guidelines are from a Florida government Web site, and are more detailed in the contents of the emergency kit and the steps to be taken to Shelter-In-Place:

From: <http://www.cfrpc.org/shelter.html>

The term, Shelter-In-Place, means to seek immediate shelter and remain there during a chemical emergency rather than evacuate the area. There are occasions when the option to evacuate the area is not considered (e.g., a time constraint, or when evacuation would subject you to greater risk). Unless otherwise instructed to evacuate, sheltering in a pre-determined safe location in your home or place of work is the preferred method of safely waiting out a hazardous materials release. In place sheltering usually lasts no more than one-to-two hours and preparations, made in advance, can ensure that the event is as comfortable as possible.

The decision to shelter in place or evacuate is usually made by local emergency management personnel ...

If you are asked to shelter in place, here is a list of what to do:

First, remain calm.

If you are outdoors go inside immediately (an interior room without windows is preferable). Do not call 911 unless you are reporting an immediate life-threatening situation. Do not attempt to get your children from their school or day care center. Staff members are trained to protect your children and will institute shelter-in-place procedures where they are located.

Next, close all windows and doors. Place pre-cut plastic sheeting over windows, and tape in place. Close all outside air vents. Turn off cooling, heating or ventilating systems. Cover cracks under doors with damp towels. If you have a fireplace, put out the fire and close the damper.

Tape cracks and other openings such as electrical outlets and cable television outlets for extra protection. Keep pets indoors.

Lastly, listen carefully to a portable radio for instructions from emergency officials.

Assemble your own Shelter-In-Place kit to aid you when the need arises. A simple kit can be assembled relatively inexpensively (usually under \$50) with the following items:

A roll of plastic sheeting, precut to fit any windows in the room.

A roll of duct tape.

Bath towels to place under any openings in doorways (dampen towels first).

A battery-operated radio, with extra batteries, tuned to the local Emergency Alert Station (EAS).

Bottled water and some sort of snack food. ...

If you have any questions about Shelter-In-Place, you may contact your State or County Office of Emergency Services. ("California Emergency Medical Services Authority" web site- emsa.cahwnet.gov/dms2/hospambex.asp
 Credited to Jim Rich DWR 10-29-2001)

Merry Christmas

and

A Happy New Year

Best wishes to all

for a great 2002 !!

Repeater Status 11.25.01

146.730+ : Normal
147.075- : Intermittent problem
147.130- : Normal
447.000- : No patch attached
52.680 : Normal?
146.700- : Packet Repeater Normal
145.050s : Packet Digi Normal
PALBBS : Bulletin Board Normal
AutoPatch: Operational except 447.000
ATV : Operational

Work Parties

Organized work parties suspended until Spring because of weather.

Work Parties *(trabajo)*

(General work parties are usually scheduled the first Sunday after the first Wednesday Club meeting -Ed)

Next general workparty:

There are none scheduled.

Last work parties:

(10.26)**KB6MC** Bill Smith and **K6QO** Dave Fender went to the site and adjusted one amplifier to 18w and all seems to be working FB now.

(10.31) FYI: I adjusted the battery voltages to 15.16 on the "A" bank and 15.19 on the "B" bank. The measurements were made after about two hours had passed after adjustments. Also, I removed the controller from the .075 and examined it in hopes of finding something obvious related to the intermittent. There was nothing obvious, as

we should have guessed, but I did try one thing. The "keying" transistor is originally mounted onto a socket. I have eliminated the socket and the transistor is now soldered directly to the board. If it fails again, at least I will know one thing that the problem is not! Also, I have finished the cabel run between the sunken building and the generator house. A good day at the site. About 58 deg. and breezy. I set out to accomplish 3 things and I accomplished 3 things. 73 de **AB6QT**.

KE6HI

(antenna party)

W6HCDNash and **W9FQN**Stan,

Technical, autopatch, repeaters, etc:

AB6QT@amsat.org (Rptrs); **W9FQN@amsat.org** (autopatch/work parties)

pg.7
-137-
1,617

after the Fold and Staple Party for the November Scope, visited **KE6HIA** Alma Bourhenne's QTH to put her dipole back up on her two poles. Hope you can now work lots of CW Alma!

6m Antenna Report

Paul Williamson **KB5MU@amsat.org**

The 6m repeater antenna was originally two 5/8-wave sections stacked vertically, but in last winter's weather most of the top 5/8-wave section broke off.

We brought the antenna to the ground, removed the remaining parts of the top section, and re-tuned the antenna as a single 5/8-wave. Between that and replacing the corroded connector on the end of the feedline, we seem to have improved the 6m repeater's performance substantially.

The work on the actual repeater didn't amount to much. Art, **KC6UQH**, thought he might be able to retune the cavities to allow for the broken antenna's impedance, but it was too extreme. Then he thought he might be able to match it with a stub, but that didn't work either. In the end, all he

did was tweak on the cavities to touch up the tuning, as far as I know.

Once we discovered (at Art's suggestion) that shaking the antenna mast caused horrendous noise in the repeater's receiver, we resolved to fix the antenna instead of trying to kludge something on the ground.

Art discovered that all the BNC connectors on the little boxes on top of the cavities are corroded. He found dense varying from tiny to about 6 dB, varying as he wiggled those connectors. He recommends replacing the cavities, or maybe rebuilding them with new (preferably SMA) connectors.

He also observed that the squelch is set pretty tight. According to Dave **KC6YSO**, the squelch knob is internal and not easily accessed, so once again nobody felt like messing with it.

The remaining cut-down antenna looks fairly robust. I expect it will survive better than the full-size original antenna did. The top end-cap we provided (a plastic bottle cap and black tape) won't last, though.

73 -Paul

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FRN Number #1

Hi Stan,

I thought you might be able to squeek this into the December Scope. Bob Bostick, manager of the Normal Heights licensing test site informed me and the other VE's that beginning December 2001 all examinees must have an FRN or Federal Registration Number.

Anyone planning to take and exam either to upgrade or for a new license will need to have this number or you will NOT be allowed to take an exam. To get your FRN you will need to go to the FCC web site and register yourself. 73s Ed Butler, **KF6DXX**

(how to do this was in the November Scope, page 11 but is being repeated here in case you missed it the first time -Ed)

FRN Number #2

The FCC is saying that you should be checking your FCC records to see if you have been assigned a **FCC Registration Number (FRN)**. To find if you have an FRN number -

- 1-Go to www.fcc.gov/wtb/uls/
- 2-Click on <LICENSES> link
- 3-then click on <continue>
- 4-Enter your call sign in the box
- 5-Scroll down, click on <search>
- 6-Click on your call sign
- 7-U will see two links
- 8-Click on 2nd from left <Lic Info>
- 9-Ur 10 dig FRN is on top line

If the FRN number is blank, then you should register by clicking ULS TIN Registration from the ULS homepage at <http://www.fcc.gov/wtb/uls>

If you do not have access to the web, visit someone who can access your record for you. DO NOT type in dashes in your SSN and telephone number!

(Tnx to Milt W6MK and W5YI report -Ed)

Scope Delivery

The Scope is always put in the mail one week before the club meeting. It is mailed on a Wednesday afternoon and most often is received in Valley Center the next day, Thursday.

This means that the Scope left the P.O. substation on East Vista Way in Vista, traveled to the sorting center in San Diego, and then was delivered to Valley Center all in 24 hours.

All of the packaged Scopes go to the main sorting center in San Diego **except for those marked for Vista** which means that the Vista Scopes do not make the trip to San Diego but remain in Vista for distribution.

It is rather hard to understand how the Scopes can leave Vista, arrive in San Diego for sorting, and then arrive in Valley Center sometimes days before they arrive in Vista homes when they never had to leave Vista in the first place!

It is our understanding that the Scope is to be treated as 1st class mail so it should be delivered within one day!

By-laws (Election)(#1)

(From time to time we will publish excerpts from the club's by-laws - Ed).

"Section 8 (e) of these bylaws is amended to read as follows:

(e) No later than the October regular meeting, the President shall appoint a nominating committee to select one qualified candidate for each elective officer and director position. The nominating committee shall make its nominations based upon its opinion of who is best suited, under all the circumstances, to serve the current and future needs of the corporation, regardless of whether its nominees are incumbent officers or directors. **The nominating committee shall make its report at the November regular meeting. Members may nominate candidates for officer or director from the floor at the November meeting."** and then

"The nominating committee and others making nominations should ensure that **each nominee is willing to serve** if elected. Should the only candidate for a particular position dies, become incapacitated or ineligible to serve, or withdraw his name from consideration, other candidates for that position may be nominated at the December regular meeting. The election shall be held at the December regular meeting, with the new officers and directors assuming their duties at the end of the December regular meeting. **If there is only one nominee for an officer, that nominee may be declared elected without the formality of a vote.** If there is more than one nominee for a position, voting shall be by secret written ballot."

Insurance

PARC now has liability insurance through **Seabury and Smith** of Park Ridge, Illinois. This is the firm that ARRL directs you to.

We should be getting the policy in the mail in a few days. In the meantime, I had them fax me "proof of coverage". Sonny, **WA5ACE**, Sec.

(according to W6GNI, received 11-19-01 - Ed)

THANKS ! ! ! ! !

From time to time it is always nice to be able to say **THANKS** to our friends and to the many nice people that make the Palomar Amateur Radio Club what it is.

If we have missed anyone that should be recognized, please feel free to send in your **THANKS** to the editor for inclusion in next month's Scope.

THANKS to WB6FMT Jerry for all of his efforts in building the auto-patch and control items for the auto-patch. *W9FQN*

THANKS to W6YOO Harry for always being early in getting his column to the Scope. *W9FQN*

THANKS to all our members who renew early and for many years. It is greatly appreciated and saves me lots of work *W6GNI*

THANKS to AA6OM Rusty and his testing crew for their dedication in running the testing each month at the Carlsbad Safety Center. *PARC*

THANKS to the Fold & Staple guys and gals who put the Scope together and get it into the mails each month. *W9FQN*

THANKS to the club members who use the repeaters properly. *PARC*

THANKS to N2DCA Allen for his serving as VP and President of our club during these past 5+ years. *PARC*

THANKS to all the Repeater Site workers for 2001. *W9FQN*

THANKS to KC6WAN Ralph and W6GNIAI for providing me with all the Scope data I need to get the Scope in the mails. *W9FQN*

THANKS to KF6BFITed for filling in on the Board this year upon the absence of one of its members. *PARC*.

THANKS to WA6ACE*Sonny* for filling in on the Board this year as the club's secretary upon the absence of one of its members. *PARC*

THANKS to the Nominating Committee for their efforts in securing officers for the year 2002. *PARC*

THANKS to WN6KM*Milt* for providing your editor with the W5YI newsletter report. *W9FQN*

THANKS to our Advertisers who help make this newsletter possible. *PARC*

THANKS de KE6ZLY*Glenn*: I would like to take this opportunity to thank the officers, past and present, of the Palomar Amateur Radio Club for their involvement in making the PARC such a great club. It has been a tremendous help for me in rebuilding my life after the death of my daughter a few years ago. *KE6ZLY*

THANKS to Club Members who made possible PARC's Field Day performance! *NN3V*

THANKS (special) to the band captains, WN6K(Paul), KC6VDX (Bob), K3PXX(Terry), and KF6BFI(Ted) who gave their time in running the stations, and helping prepare for FD. *NN3V*

THANKS to KF6WTN(Marc) for the "Road Kill Cafe" that has come to symbolize the absolute finest in FD and related ham gastronomic experiences! *NN3V*

THANKS to AC8Q(Roger) and his lovely **YL**(Liz) for the effort they carried out to publicize PARC FD, which garnered the attention we had from the local TV news media! *NN3V*

THANKS to AB6QT(Mike), **KC6UQH**(Art), **KC6YSO**(Dave), **W9FQN**(Stan) and a **WHOLE LEGION OF PARC MEMBERS** who gave their time throughout the year working on the repeaters up on the mountain!. Without their collective effort, we'd have no means of enjoying the hobby as we do! *NN3V*

THANKS to all who donated items to the club. *PARC*

THANKS to all of our Program presenters who make our meetings so interesting. *PARC*

THANKS to Show-n-Tell presenters. Your items help make a good meeting. *PARC*

THANKS to the Goodie bringers at club meetings. Your calories help cushion our seats. *PARC*

THANKS to the Field Day crew. You did a great job this year. *PARC*

THANKS to article senders for the Scope. I appreciate it. *W9FQN*

THANKS to KB6NMK*Jo* for her never ending devotion to the PARC finance books. *Board*

THANKS to NN3V*Charlie* for the great programs this year. *PARC*

THANKS to the Chair people who set up and take down the chairs at each club meeting. *PARC*

THANKS to KB6MCU*Bill* for serving as the club's rep to SANDARC for many years. *PARC*

THANKS to W6GIC*Sybil* for serving as the club's rep to SANDARC for many years of faithful service as a club officer. *PARC*

THANKS to N6KI*Dennis* for cultivating the young new hams as they are our future lifeblood. *WN6K*

THANKS to N6KI*Dennis* for all of his Field Day help and expertise. *PARC* and **THANKS to ALL** who sent in their THANK U's for this last issue of the year 2001. *W9FQN*

THANKS to KC6WANRalph (in the white jump suit) who is always there to answer my programming questions. *W9FQN*

THANKS to WB6IQS*John* who is one of the best scroungers I have ever see and who I have greatly enjoyed working with over the years. *W9FQN*

THANKS to KE6WOE*Frank* who posts the latest copy of the Scope to the club web page which has lots of club items and links. *W6GNI*

THANKS to W6VR*Bob* whose newsletter "The CGC Communicator" has been a source of many current Scope items. *W9FQN*

THANKS to WA6UTQ*Larry* for keeping me informed of the latest amateur radio items. *W9FQN*

THANKS to the Tower Climbers even if they look down on the rest of us. *W9FQN*

THANKS to goodie bringers. Your

taste treats are most welcome and net the club some \$\$.

THANKS to AB6QT-*Mike* for all the effort he has put in on behalf of the club at the repeater site. *W9FQN*

THANKS to N6UZH*Terry* for her expert help with the labels and Scope forms. You have always been a pleasure to work with. *W9FQN*

THANKS to the nice ladies that come to repeater site work parties and take care of the small trees and do other good deeds. *W6GNI*

THANKS to Frank KE6WOE who really understood disaster communications. *W9FQN*

THANKS to all Committee Heads who are listed on page 4 of this issue of the Scope. *PARC*

THANKS to the chef of the Road Kill Cafe that has upgraded the food served at all special club functions. *W6GNI*

THANKS to Art and Anita for letting the fold and staple crew use their house for these many years and for the delicious cookies that Anita always makes. *PARC*

THANKS to W9FQN*Stan* for his untiring efforts with the SCOPE and the entire broad spectrum of the Palomar Amateur Radio Club. *WA5ACE*

THANKS to EVERYONE that has helped the club over the past year, *Board*

At last, but not least -

THANKS to EVERYONE that has helped me over these past 19 years of club activities. *W9FQN Stan*

PARC NETS (06/01)

All 147.075 10-11pm MCW contacts
 All 147.130 2130+ pm Facitious Group
Sun. 146.730 8:30am AREmergency Service
 Sun. 146.730 10:00am Sunday Sailor's Net
 Sun. 147.075 8:45pm MARA Net
Mon. 146.730 9:00pm Microwave Net
Tue. 146.730 8:00pm Traffic Net (SDCTN)
 Tue 146.730 9:00pm Off Roothing Net
Thu. 146.730 8:00pm Traffic Net (SDCTN)
 Thu. 146.730 9:00pm Ham Help Net
 (electronics, computers, antennas, license theory, etc.)
Fri. 146.730 9:00pm Hiker's Net
Sat. 146.730 8:00pm Traffic Net (SDCTN)
 Sat. 52.680 8:00pm 6m ARES Net
 "other non-PARC nets"
 Convair/220 Club: 224.900 PL 107.2 Hz
 Mon 8:30pm, Tech. & News
 Fallbrook ARC: 146.175 + PL 107.2 Hz
 Tues 7:00pm, General Discussions

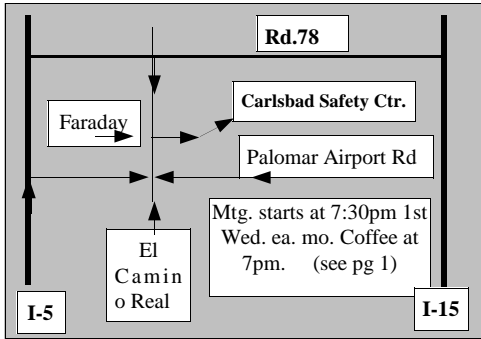
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PARC Web Page (KE6WOE)

<http://members.home.net/parc/>

OPEN Repeaters/CLOSED Patches

Palomar Mt. Repeaters (W6NWG)

PARC Trustee of W6NWG: AB6QT

*52.680- W6NWG, -0.5 MHz

Autopatches(4): 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": 915wbfm, 919am, 2441.25wbfm

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

P.A.R.C. Inc (2001 Board)

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 N2DCA@amsat.org

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Technical: Mike Doyle AB6QT 760.742.1573
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Web Pages

PARC's Home Page - KE6WOE

<http://members.home.net/parc/>

Rod's General Home Page - AC6V

<http://ac6v.com/>

ARES Alert Publication

<http://www.qsl.net/sdgarrl/alert.htm>

Tom's Hiker's Home Page - KF6PAZ

<http://www.fanciful.org/san-diego-hiker>

PARC Testing - tests given each

2nd Saturday at 9:30 am in the Carlsbad Safety center in Carlsbad. Contact Rusty AA6OM at 760-747-5872 or at

DuneDancer@worldnet.att.net

Register 5-7 days in advance for tests.

Escondido Testing - examinations on the LAST Saturday @ 9:00am, Chamber of Commerce, 720 N.Broadway, Esc 92025. Contact Harry W6YOO 760-743-4212.