

Scope

146.73-, 147.13+, 147.075+, 447.000-, 52.68-; Pkt 146.7-, 145.05

Jan
'02
pg.1
-1-
1,621

Palomar Amateur Radio Club Inc.

also ATV &
4 Autopatches

Scope (USPS #076530) Vol. XXVIII No.1, Jan. 2001, published monthly by PARC, 1651 Mesa Verde Dr., Vista, CA, 92084. Periodicals postage pd. at Vista, CA 92085.

Dues \$12/yr or \$21/family/yr (includes newsletter subscription)

Editor: Stan Rohrer W9FQN, 30311 Circle R Lane, Valley Center CA 92082

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

Mark Raptis KF6WTN@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)

January Program. -

Stuart Downs, formerly W6PDP now WY6EE, wrote an article for QEX magazine regarding elimination of noise sources in mobile rigs. The article can be found on the ARRL website and the complete text can be found in PDF format on the K2BJ.com website in the noise section.

Stu has contacted 35 countries from the car and has no engine noise. He is a full time electrical engineer and teacher at Palomar College. The discussion will contain a general overview of electromagnetics and how to "get rid of the stuff you don't want."

See you at the meeting,
KF6WTN

Coming Events.

Jan.1st *Happy New Year*

Club Election (update)

The following club members were elected at the December Club meeting

to the 2002 Board:

NN3V - Charlie Ristorcelli - President
KF6WTN - Mark Raptis - VPresident
KB6NMK - Jo Ashley - Treasurer
KB5MU - Paul Williamson - Secretary
NN6X - Paul M. DeCicco - Director #1
NE6O - Jim Cooper - Director #2

Goodie Table

Wow, we really had lots of low cal things to eat at the Christmas party.

Many many thanks to those bringing items: W6GNIAI, KB6YHYAnita, K6MLJim, W6ABE, N6TCBJerry, W6YOOHarry, KF6MYEJerry, WB6PKKMarvin, W8LOVJoe, KE6ZLYGlenn, and KF6WTNMark.

You all received one (1) participation point for your efforts.

KD6TUJDennis and W6SSTJim handled the goodie table both months.

WANTED:

ONE GOOD EDITOR!

HELP HELP HELP HELP
HELP HELP HELP

Charlie Ristorcelli NN3V@amsat.org

After MANY, MANY, MANY years of service as SCOPE Editor, W9FQN (Stan) announced he is taking a break and will no longer edit SCOPE, effective with the February edition.

For the immediate future, beginning with the February issues, on a

temporary basis SCOPE will be prepared by a back-up team to ensure it is published monthly.

BUT WE MUST FIND A NEW EDITOR!

I solicit anyone interested in helping to contact any PARC Board Member IMMEDIATELY.

Without your help, and the volunteerism of a new editor, we will not be able to assure continued, consistent publication of SCOPE.

Skills for editor are modest (obviously, no one can just step in to replace Stan's legendary work).

But as with all things, we have to move forward. We are looking for someone who is computer knowledgeable in desktop publishing, and who will work with the Board to develop a process for continued editing of SCOPE. 73 DE NN3V

President's Message

Charlie Ristorcelli NN3V@amsat.org
HAPPY NEW YEAR PARC!

In this my first "President's Message", please accept my best wishes for a prosperous New Year 2002, and my hope that you enjoyed a wonderful Holiday Season with family and loved ones (and that Santa surprised you with all your desired Ham Radio toys).

I am thankful for the opportunity

to serve as PARC President, and thank those who preceded me for the fine job they accomplished in making PARC such an interesting and effective Radio Club.

There are interesting times ahead in our hobby, as well as much change. Have you considered how these events will affect you and PARC?

Changes abound aplenty in our operating practices and equipment capabilities. The time honored tradition of CW is facing significant changes. The digital modes are here to stay and are expanding. Micro miniaturization is about to saturate us with incredibly capable equipment with features that surpass even today's amazing rigs (and for most hams, not home repairable). If you are unaware of these matters, I recommend you subscribe to one of the ham radio journals, or access the ARRL newsletter.

This is no longer your childhood hobby, and there's a lot going on in the world of ham radio!

Add to that the changing demographics of the hobby, and I offer you a simple question: where do you see yourself in all this? Or perhaps I should ask, do you even see yourself in all this?

I believe it is important PARC members play a role in shaping PARC in the future, and how we shape our hobby and personal enjoyment of the ham bands. Like it or not, as the hobby changes we either adapt to the changes and enjoy the opportunities, or else we find a new hobby.

I for one do not see myself dropping ham radio as a way of relaxing, so I plan on adapting. I therefore challenge each PARC member who plans to continue "hamming", consider three things.

First, how have you risen to the new operating opportunities. Have

you tried the digital modes yet? Have you actively explored the satellite bands? Have you at least listened to the International Space Station ham radio operators (NA1SS)? If you haven't done any of these things, why not, and what are you waiting for?

After all, in an era where "hardware home brewing" is probably reserved for only a few, it is the experimentation with new modes that offers that wonder of "tinkering" from which our fondest memories of "days of yore" will come about. If it is unfamiliarity with the equipment needed for these new modes (yes, I am talking to all you computer shy folks), why not embark on an adventure with a new ham? After all, you have a wealth of knowledge about the CORE of our hobby that the new folks are earnestly looking for help to understand, and many of them have the computer skills we need to learn also.

Second, as a well established club with an envious record of bringing solid programs covering both the technology of the hobby, as well as the operating practices and outdoor opportunities of ham radio, I ask you to help attract new members to the Club. When was the last time you showed up at one of the exam sessions to offer your help as an "Elmer" to some of the new hams? How are they going to learn the ham radio practices when they have no "Elmer"? Do you remember your "Elmer"? I remember mine. He walked me through the beginning contacts, the unease of joining a pile-up, and the decision tree on what to buy as an initial rig. And from that moment onward, I was "hooked" on ham radio.

Third, I challenge PARC members to ask yourselves: when was the last time I volunteered to help

in Club activities? Why so long?

PARC is blessed with a core of hams who give, and give, and give. But, in a voluntary organization, a "core" of people always doing the same things brings about a repetitiveness that can overlook many exciting and new opportunities.

So I challenge you to volunteer your skills and energy in any area of the hobby you find rewarding. It is likely your interest will spark someone else into a new area of ham radio that will be enjoyable for them, and rewarding to you for having helped. And I ask that you also consider providing KF6WTN (Mark) with ideas about club programs you would enjoy, as he is the new program chairman, and will gladly try to satisfy your request.

Feel free to e-mail me (NN3V@amsat.org), or call on the landline (619-686-5607) and tell me what about PARC satisfies you the most, and what you believe would attract your effort as a volunteer in order to spice up our activities.

I look forward to seeing you at the Club meeting in January, and for those who arrive in Carlsbad early for the Club meeting, come out and join us in the eateries of the area for dinner and an eye-ball QSO. Talk-in on 146.730 Repeater. 73 de NN3V

Club Membership

Al Donlevy

W6GNI@amsat.org

Good News: More New Members Joining PARC: **KG6GYT**, **N7BFO**, and **KC9AJY**; and **KC6UHI** sent in his renewal for 5 years. Way to go Eugene, and thanks.

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

Did you check your last months label to see if the "Participation Point" number looked right? No one contacted me about errors, so I must

be perfect. Those three folks that had one too many points credited didn't come forward either! 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.

Mentioning the "sign-in" sheets; please try to write your call so it is easy to read. New point totals will be printed again in a couple months. Just another reason to check your SCOPE label. 73 and Thank you. Al, W6GNI

Ye Editor

Your editor has decided that it is time to retire from being editor of the Scope and to spend more time with some of my newer interests which

bring pleasure.

This means that this January 2002 issue of the Scope will be my last issue as editor.

As president of the club in the 80's I provided the editor, Ralph **K6HAV**, with the president's column and usually an additional page. When Ralph left for Salt Lake City the Board could not find a replacement Editor so I took over since I was becoming a major contributor by virtue of being president and Repeater Site Chairman. I also had been attending most of the fold and staple parties for the Scope so I was familiar with the production side also.

My first issue that I edited and produced was the September 1990 Scope which turned out to be a semi disaster since it was an 8 page Scope(4 sheets) but I forgot to tell the printer to make sure that it was printed on only 4 sheets (front and back). The resultant publication was 8 sheets with all the backs just white paper!

About that time I was using a Radio Shack Model III computer and a RS daisywheel printer. Later I graduated to a RS Mod IV which had almost no memory and everything was stored on 3.5" disks. The word processor program was written in BASIC.

Most of what I did was to print all material, cut it out, and then paste it using REAL paste to a blank sheet of paper. Great Fun but there was a "real" feeling for CUT and PASTE!!

The Radio Shack Model III's and Model IV's served me quite well (I still have 7+ of them) until April of 1996 when I produced my first issue on an IBM (Datel) computer which I am still using today. By that time I had produced 809 pages.

So I will end my 65 issues of the Scope with page 1,630 of this January 2002 issue of the Scope.

From what I have been able to determine Mable Field **W6YZV**, who now lives in Fallbrook, was one of our first secretaries that produced a one page flyer announcing meetings. My memory seems to indicate that **K6ROR** (always liked that call sign) possibly produced some flyers also which finally were turned over to Ralph Crossman **K6HAV** who produced a one page newsletter whose heading had on it the word Scope. His one page "Scope" started out being produced on a teletype machine with everything in caps and the Scope was on legal size paper (8.5x14) and printed on both sides.

Later on Ralph got one of the first IBM's and launched us into the computerized Scope. (I might be missing Ralph doing some of the

Treasurer \$\$\$\$\$			
Jo Ashley		KB6NMK @amsat.org	
See me at club meetings for "hard copies" of financial statement(s).	Location	11.02.01	11.30.01
	CD179-1311891-8	3,104.00	3,130.67
	CD8761216457-6	2,485.89	2,494.70
	CD8761216625-9	2,626.36	2,645.13
	CD8761216778-6	2,610.68	2,619.93
	CD8761391556-4	3,149.85	3,162.93
	Checking 010566	858.36	818.56
	Post Office	103.27	104.11
	Ca\$h+CD's	14,938.41	14,976.03
	LongTermReserve	6,000.00	5,000.00
Last month's Scope Helpers: Thanks to Art and Anita for the folding space and the	Equip. Self Insure	600.00	600.00
	Pre-Pd.dues	7,246.00	8,584.00
	projects/available	1,092.41	792.03

KC6WAN Ralph Powell		N6OYG Victor Musil
N6UZH Terri Brewer	&	MY2KID , Tyler/Matt
KB6NMK Jo Ashley		W6GNI Al Donlevy
KB6YHZ Art Nye	&	KB6YHY Anita Nye
W9FQN Stan Rohrer		

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!

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

Scope on an electric typewriter). Lots of what we did before was "real" cut and paste much like we do today but with computers now doing the old COPY and PASTE.

So if you want to call the one page flyers the beginning of the Scope then there probably have been only 3 major Editors since the club was founded in 1936: W6YZV, K6HAV, and W9FQN.

If we could just get Ralph K6HAV who is alive and kicking in Salt Lake City to start typing some history of the Scope, we probably would have a much clearer picture of what happened before I started really participation in 1983 with club activities. Ralph was editor for 17 years besides being Technical Chairman for several years.

I had been in the North County area since 1970 but spent my time visiting between the Palomar Amateur Radio Club and the Escondido Club.

Because of the PARC repeater coverage and my discovery of handi-talkies, I joined PARC in the mid 70's and became one of the "anonymous" club members who sat at the back of the room and "sneaked out" when things were not very exciting.

I suspect I was a member of the club for about 5-6 years with no one knowing that I existed ..or my name.

I think it was in 1983 that the club was given a 70 ft commercial tower off of a building down in San Diego and the club started looking for someone to engineer the installing of the tower at the club's repeater site on Palomar Mountain which I had never seen.

Since no one showed any interested in the project, I volunteered to do all of the engineering calculations for the county and to install it in 18 tons of cement at the repeater site.

One of our ham engineers signed

off on my calculations and with the proper permits in hand a 6'x6'x6' hole was dug at the repeater site with bell edges at the bottom and the 18 tons of cement was poured by myself and Sr. Juan Gonzalez, a Mexican worker, with the tower erection occurring after the cement had cured.

Volunteering to do the tower was probably a mistake since I was no longer an anonymous person sitting in the back row and it was more and more difficult to "sneak out" as I had been doing previously.

From engineering the tower in rapid succession it was Repeater Site Chairman, president of the club for seven years, and then 10+ years as the Scope Editor.

Some of you have probably noticed the horse and buggy with the whip antenna on the last page of the Scope.

I was born in a small town in northern Indiana where there were lots of horse and buggies and they are even there to this day.

I have decided that it is time to clean house and get rid of the four Radio Shack Mod III's down stairs the and three RS Mod IV's. I don't think I will be using them anymore but I will keep this computer warm with some of the other things that I have interests in.

So this is really not good-bye to all of my friends but my drifting back towards the back of the room where I can be more anonymous than I am at present ..just like the old days!

Many thanks to all who have helped with the Scope materials, the Scope production people and to those who have helped at the repeater site over these past 18+ years. **You were and are greatly appreciated by me.**

73, Stan W9FQN

P.S.and a special Thanks to the climbers. We had fun while looking down on everyone else!

Committee Chairmen

ARESInfo. -Dennis S	K7DCG@amsat.org
Attendance -Al	W6GNI@amsat.org
ATV -Bills KB6MCU	W6GIC@amsat.org
Auction -Jim C.	NE6O@amsat.org
Badges new -Al	W6GNI@amsat.org
Batteries -David KD6EBY	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	W6NWW@amsat.org
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 -Bills KB6MCU	W6GIC@amsat.org
Inventory -Dennis B	dennisKD6TUJ@juno.com
MtgGoodies -Jim E	Whisky6SST@juno.com
Membership -Al W6GNI	aldonlevy@juno.com
Nets -	
Newsletter -	
PALBBSpkt -Bruno H	KF6QDP@amsat.org
Patch Info -	
PatchETronics-Jerry H	WB6FMT@amsat.org
Picnic -PaulD	NN6X@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 -	
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 -	W6NWW@amsat.org
TrusteeW6NWW-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	W6NWW@amsat.org
Microwave -Kerry B	N6IZW@qualcomm.com
Off Road -Jerry A	jwtak6pfp@cts.com
-Dick W KA7AYT	rwilimek@home.com

Sailors -
Traffic(SDCTN)-Charles**N6TEP** **cmiele@juno.com**

Questions about club policy or for information can be addressed to **W6NWW@amsat.org** or P. O. Box 73, Vista, CA 92085-0073.

?? For Sail E

(12.11)CW KEYER MFJ-401D less than year old includes pwr adapter & manual \$35; Bernie N6FN 760-781-5522Wk, 760-746-7411Hm.

(12.11) **Drake** Communications Receiver Mod 2-B \$100; Calrad SR-16 SWR bridge \$10; Ruth 760-727-3178 Vista.

(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.

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

www.nicdlady.com e-mail: nicdlady@nicdlady.

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 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.

Editor: **W6NWG@amsat.org**

2000 \$5; call AB6QT at 760-742-1573 after 5pm.

(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.

(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
 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 best offer, contact 619-686-5607, or NN3V@amsat.org

HAM RADIO OUTLET

Tom KM6K
Ron
N6OMW

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.
Monday thru Saturday
858 560-4900 or toll free 1-800-854-6046

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.

Dec98

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** (elecra-
ft k1 kit): Don KF6NMA Poway (858)
486-5927 donald@henkearchitect.com

Ham Radio Mags

I have (unwisely) inherited a
complete set of Ham Radio
Magazines. The set is bound with
twine and in bags.

They are yours for the asking.
Just think of all the great
information and diagrams in these
magazines.

Rod Davis <rdavis@abac.com>

Contests

Harry Hodges W6YOO@amsat.org

Dec 29 Canada Winter Contest

Dec 29 Stew Perry 160 Meter Contest

Jan 5 ARRL RTTY Roundup

Jan 11 Japan Int'l DX CW-Low Bands

Jan 12 N.American QSO Party - CW

Jan 19 N.American QSO Party - SSB

Jan 20 ARRL VHF Sweepstakes

Jan 25 CQ WW 160m Contest - CW

Jan 26 BARTG RTTY Sprint

Jan 26 Kansas QSO Party

Feb 2 VT, NH, ME, DE QSO Parties

Feb 2 Freeze Your Buns Off QRP

Field Day, 80-10 Mtr, CW&SSB

Feb 3 North American Sprint

Several rare states will be
holding their QSO parties and you'll
have a chance of increasing your
WAS score. Contests for the 160
Meter buffs, RTTY types, and CW
contesters. The list is not all
inclusive as there are several minor
contests during this period.

See QST, CQ, Worldradio and
the National Contest Journal for
contest rules. GL in the contest. 73
de Harry, W6YOO

Lost & Found

Someone lost a glasses case at the
November meeting. See **W6GNIAI**
at meetings. (last call)

Earthquakes

Paul Dorey WN6K@amsat.org

(I think it was yesterday) that I
heard some discussion on the
repeater about feeling an earthquake
of an unknown origin. When
operators mentioned that they could
not find any information on the
Internet from the USGS site (it has
been closed for a few days now) I
remembered getting an email from a
colleague last week about the
closing of the site. They offered the
following link however as the
alternative:

<http://www.trinet.org/recenteqs/Maps/117-33.html>

As Amateurs "ready to stand at
the ready," we should all have this
one 'refreshed' in our bookmarks
(Netscape) and Favorites
(Exploder) browsers. WN6K,
Paul

Web Busy?

Check out this URL to see how
busy the web is -

<http://www.mids.org/weather/>

A DETAILED INTERNET SPEED
REPORT

This "Internet Weather Report"
presents ongoing animated scans of
conditions within the Internet. It is
like a daily newspaper or television
weather radar report, except instead
of being about real world
meteorology, it is about conditions
inside the Internet itself.

The Internet Weather Report is
presented in geographical maps that
show "lag," which is round trip ping-
time (latency), from the service's
office in Austin, Texas to thousands
of Internet domains worldwide.

<http://www.mids.org/weather/>

(URL submitted by Phil Wells)

E-mail

Stan: I was reading FCC 01-290
NPRM Oct 2, 2001, Paragraph 25,
SAVI petition for Rule making. ...
wants to increase the permitted field
strength of its RF ID tags that work
on 433 MHz.

They would like to use the tags
in the 420~450 MHz band!!

Could be bad news for low
signal level 70cm hams. Peter
VE7CQA

de ARRL

* As a free service to ARRL Members,
ARRL Members may complete and
sign an NCVEC Form 605 (<http://www.arrl.org/arrlvec/ncvec605-3.pdf>)
and return it to ARRL HQ. ARRL HQ
staff will in turn file the application
data electronically with the FCC. The
processing time will take only a few
days or less once the application
reaches ARRL HQ. Send such
applications to:

ARRL VEC, 225 Main St, Newington
CT 06111 USA.

Non-members are welcome to first
sign up for membership and then use
this service. For membership
information, including an on-line
membership application, see <http://www.arrl.org/join.html>. For NCVEC
Form 605 see <http://www.arrl.org/fcc/forms.html>. If preferred, non-members
can mail a check (or the credit card
charge info) for the applicable current
membership rate for themselves in the
same envelope with a completed
NCVEC Form 605 and ARRL HQ will
immediately process the membership
request and shortly thereafter the
NCVEC Form 605 FCC license
renewal/update request. Vanity
requests must still be handled
separately by mail or on line directly
with the FCC (or via someone serving
as a filing agent, such as the W5YI
Group).

Repeater Status 12.16.01

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

Work Parties

W9FQN will not be

SK's

Unfortunately in this Happy Season we are announcing the passing of the following amateurs -Ed

N6OLE SK

Ivan N6OLE for several years served as Net Manager for the Thursday Evening Ham Help net until his health would no longer allow him to participate. He was always willing to help anyone on or off the air with their technical problems. Those answers that were not on the tip of his tongue, were answered from a large library he maintained in short order. He also had a vast inventory of electronic parts, hardware, and test equipment he had refurbished. Anything that failed was subject to a very close examination to determine why, and he was able to provide a solution to prevent a failure of that part of the equipment from reoccurring. Most everything he worked on was improved either in function or reliability and often both.

Ivan made his own VHF power meter from an article in the ARRL Antenna Manual. I helped him calibrate it and a set of loads so that he could check the calibration at his home. Ivan used this meter to measure a Yagi antenna he constructed for 2M. He made the antenna so that each element was adjustable, and set out to test the calculated values of different designs compared with measurements

Technical, autopatch, repeaters, etc:

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

pg.7
-7-
1.627

he had taken. He finally settled on a design that gave him the performance that he wanted and used that antenna for several years. It was important to Ivan to completely understand the antenna before he would use it. That and several other antennas he had made had complete VSWR curves over the band they were designed to operate on. Everything he did was done with the same determination to understand both the theory and practice and have them agree to the last detail.

A friend of mine worked for Ivan in the late 50's at Stromberg Carlson. He was calibrating meters and often a resistor value that was needed to obtain the most accurate reading was not found. Ivan showed him a technique of choosing the next highest value and heating it with a soldering iron until the meter read 105 % of the desired reading. After the resistor cooled the meter would read exactly 100%! This technique was known as Kemperizing a resistor, of course named after it's inventor, Ivan Kemper.

Ivan also had an infinite amount of patience in teaching others. He would try to explain a thought in several

different ways using analogies to help others to understand a technical concept. He was always helpful and shared his knowledge, never withheld any information he had on a technical subject. Ivan definitely learned by doing and he shared what he learned with everyone that was interested.

His analytical mind retained almost everything he learned and his knowledge extended far beyond electronics. A great man, who will be missed by all those who seek knowledge, and remembered for his willingness to share his knowledge with all who would take the time to ask him. Art, KC6UQH

SK !. N6OLE Ivan Kemper. It is with great sadness that I heard of the passing of a very good friend, Ivan Kemper. Ivan passed away on Dec. 1, 2001. He was a man of many titles. Dad, Grandad, CW operator, Quality Control Expert, Teacher, Inventor, Electronics Engineer, and Photographer to name a few. I remember when I first met him. It was at Murphy's Surplus in El Cajon. He heard me talking to another ham on the

From MILLIWATTS to KILOWATTS

RF POWER TRANSISTORS - TUBES - POWER MODULES

Best pricing on U.S. & Russian Transmitting & Receiving Tubes

3-500ZG - 3-600Z - 811A - 572B

4-400C - 6146B & W - 8072 - 8560AS - 8873 - 8875

3CX400A7 & U7 - 3CX1200A7 & Z7 - 3CX1500A7 - 3CX3000A7

4CX250B & R - 4CX400A - 4CX1600A - 5CX1500A

Plus full inventory of Broadcast Tubes to 20KW

Complete Inventory for servicing Amateur and Commercial

Communications Equipment

Transistors - Modules - Diodes

Relays - Trimmers - Capacitors

Heatsinks - Transformers - Chokes - Combiners - Wattmeters -

Books

Send for your FREE 2000 Catalog at

e-mail: rfp@rfparts.com

(800) RF-PARTS - (760)744-0700: fax (760)744-1943

RF PARTS, 435 S. Pacific Street

radio about where I was going, and Ivan then entered the QSO and gave me directions on how to get there.

When I arrived at the store, Ivan was soon to follow. We had a great time looking through the "junk" and he told me of many things that he had found in that store over the years, and along with every purchase that he had made, came a story. He had a knack for explaining things in simple terms that were in reality very technical. He had a curious mind that led him to vast quantities of knowledge.

Ivan could take something apart that didn't work, evaluate it, understand everything about it in detail, and often times fix it better than its original design.

His wife of 57 years Roberta, and his daughter Ann took amazingly good care of him through his illness over the past few years. It has been an honor and a pleasure to have met them and to know them. Ivan met Roberta on a Greyhound bus one day when there were no seats on the bus except for the one next to her, and he asked if the seat was taken. The rest of that story is obvious.

Ivan was always swilling to help people with their questions. One of the things that he said more than once, that I will remember forever, is the statement: "Don't be afraid to ask questions, because the stupid question is the one that is not asked".

When you ask "What will I miss about Ivan?", the answers are many, and he will be missed by all who knew him. 73 Ivan de AB6QT.

dididit dahdahdah didahdidit dahdahdah dahdit dahdahdit

W9STN SK (WA6YGK)

George W9STN passed away on Tuesday Nov. 27. Word I got was that services will be toward (the) latter part of next week with Viewing on Thursday Dec. 6 and funeral on Friday Dec 7, I will let you know when I have more info. 73, Dennis N6KI

Received bad news from Roy Davis WB9RKN that his next door neighbor,

George Uminski, W9STN (ex K6YGK) became a silent key, possibly earlier today.

Very sad....he was a wonderful happy guy, with hardly a care in the world.

73, Dennis N6KI

N6FSQ SK

SK! N6FSQ Rita from Valley Center, formerly "Rita from Ranchita" passed

away in November. This has come to me from a friend in Oklahoma, WB6BKJ, Jack, who I consider to be a very reliable source. de AB6QT.

K6TPP SK

Carl Williams of Vista (born in Texas) died November 16th. Carl lived in Vista for 54 years and served in the Navy for over 20 years before retiring. While in the Navy, he once played the Star Spangled Banner 57 times in one day while President Roosevelt viewed the Navy Fleet. After discharge he worked at Camp Pendleton for 21 years.

Board Mtg. Minutes

Paul Williamson KB5MU@amsat.org
Palomar Amateur Radio Club, Inc.
Board of Directors
December 12, 2001

The regular monthly meeting of the Board of Directors was called to order by NN3V at 7:00 PM on December 12, 2001, at the home of NN3V.

Present were:

President Charles Ristorcelli, NN3V
Vice President Mark Raptis, KF6WTN
Treasurer Jo Ashley, KB6NMK
Secretary Paul Williamson, KB5MU
Director #1 Paul DeCicco, NN6X
Director #2 Jim Cooper, NE6O
Rpter Site Chairman Stan Rohrer, W9FQN
Rpter Tech Chair Mike Doyle, AB6QT
Membership Chair Al Donlevy, W6GNI

E-mail addresses were verified while taking attendance. All present may be reached using their callsign@amsat.org mail alias.

Treasurer's Report KB6NMK presented the Treasurer's Report in writing as a Balance Sheet summary. The \$600 amount

shown as "Prop. Insurance" is an amount set aside as "self insurance" for property losses, in lieu of purchasing an expensive insurance policy against equipment loss.

The policy document for the club's liability insurance policy (purchased from the ARRL insurance supplier) was transferred to W9FQN for safe-keeping in his personal safe deposit box, along with other important club documents.

It was suggested that perhaps the club could get a free safe deposit box from our bank. KB6NMK stated that the bank isn't giving anything away, and in fact we would not be able to obtain a free checking account as a business. NN3V stated that many banks have free checking for small businesses, with a limit on the number of checks written.

It was noted that the balance sheet shows only cash assets, and does not show the club's real property or capital equipment assets. KB6NMK noted that the club does not pay taxes based on an exemption for businesses with small assets, and that a more complete accounting of the club's assets might put us over the threshold.

Motion by KB5MU to accept the Treasurer's Report as submitted. Seconded by AB6QT. Motion passed unanimously.

Secretary's Report The minutes of the previous Board meeting had been published in the SCOPE. Motion by KB5MU to accept the minutes as published. Seconded by W9FQN. Motion passed unanimously.

New Board Members and Challenges for 2002 NN3V welcomed the newly elected members to the Board, and thanked them for stepping forward.

NN3V listed three specific points of concern for the coming year:

...Many new hams are licensed each month, but many of them don't show up at club meetings or become actively involved in the hobby.

...There is a need to increase volunteerism within the club. For one reason, much of the work of the club has been carried by a few stalwarts, who will eventually burn out.

...There is a need to make club activities attractive to new hams.

NN3V stated his intention to appoint a young (under 50 or preferably under 25), newly-licensed ham as a non-voting member of the Board, in order to hear the new ham's perspective in Board deliberations.

Board Member Duties It was stated

that Director #1 traditionally handles the annual picnic, while Director #2 traditionally handles the annual auction. It was also stated that these jobs are negotiated between the two directors.

SCOPE NN3V distributed copies of W9FQN's letter stating his intention to step down as Editor of the newsletter as of the December issue. NN3V thanked W9FQN for agreeing to complete the January issue before stepping down. W9FQN presented his proposal for how the Board members could divide up the work of preparing the February issue. Camera-ready copy is normally delivered to Print World on Monday morning of the week before the membership meeting.

It was asked what obligation we have to the SCOPE advertisers, in case the SCOPE is not published. W9FQN stated that there was no written contract with the advertisers, but that some advertisers have paid for several months in advance.

KF6WTN stated that the primary need was for a new Editor, and that he would be willing to seek volunteers for that position.

NN3V appointed NN3V, KF6WTN, KB6NMK, and W6GNI to serve as an ad hoc committee to set the schedule and assign tasks for completion of the next issue(s) of the SCOPE.

Standing Committee Chair Appointments NN3V re-appointed W9FQN as Repeater Site Chairman, AB6QT as Repeater Technical Chairman, and W6GNI as Membership Chairman. The post of Editor of the newsletter remains open. Motion by KB5MU to approve these appointments. Seconded by KF6WTN. Motion passed unanimously.

During this discussion, W9FQN left the meeting.

NN3V declined to appoint standing committee chairmen to serve on the Board at this time. After considerable discussion, the Board consented informally to permit this interpretation of the Bylaws, since the Bylaws do not specify when the President must make these appointments. Until such time as the President appoints three standing committee chairmen to the Board, the Board will continue to act with only the six elected members voting.

Repeater Policy Letter to KC6YSO KB5MU presented two drafts of a letter to Dave Doan, KC6YSO, in his role as Section Emergency Coordinator for the San Diego Section and in the Amateur Radio Emergency Service. This letter was requested by KC6YSO to publish the club's policies regarding occasional group use of the club's repeaters. Both versions of

the letter include the current policy as affirmed by the Board on September 12, 2001. The first version simply presents the policy. The second version adds a statement that the Board has appointed a committee to revise the policy.

KB5MU stated that the current policy is in need of revision for a number of reasons. The current policy is hostile to the potential user, where it should be welcoming and cooperative, and it singles out a number of specific FCC rules and regulations where it would be better to insist on compliance with all the rules.

Motion by KB5MU that the President appoint a committee to study the revision of the Non-Regular Group User Permit Repeater Policy. Seconded by NN6X. Motion passed unanimously (with the six elected members voting).

Motion by KB5MU that the Board direct the Secretary to send the second version of the letter. Seconded by KF6WTN. Motion passed unanimously (with the six elected members voting).

NN3V appointed KB5MU, AB6QT, NN6X, and NE6O to serve as the committee to study the revision of the Non-Regular Group User Permit Repeater Policy.

Board Attendance by Telephone NN3V stated that he intended to take advantage of the provision in the Bylaws permitting Board members to attend by telephone or radio, when convenient for members unable to attend the meeting otherwise.

Silent Keys It was noted that club members W9STN, N6OLE, and N6FSQ all recently passed away.

Repeater Electrical Issue AB6QT stated that he was still detecting 3 to 7 amps of current in the safety ground wire at the repeater site, despite an attempt by SDG&E to fix the problem and the removal of most electrical equipment from the old building. He stated that he needed time to re-evaluate the problem before approaching SDG&E again. KB5MU and KF6WTN volunteered to provide assistance if needed.

Upcoming Membership Meetings KF6WTN reported that the January meeting program would be on noise suppression and grounding in mobile rigs. Possible future programs include a speaker from NOAA on SkyWarn, weather forecasting, and flash flood watches; and technical programs on batteries and microcontrollers.

Directors' Comments NE6O had no comment. NN6X pointed out the need for identified club objectives for this year.

Membership Report W6GNI stated that the club's membership is currently 521, down 5 from the previous month. A few members are signing up for five-year renewals, which is

appreciated. The old round membership badges are no longer being made, though KB6NMK stated that a number of badges are still waiting to be picked up.

Board Night Net Under new business, KF6WTN proposed that the club hold a "Board Night" net on a regular basis. A designated member of the board would present current club news and accept input from club members.

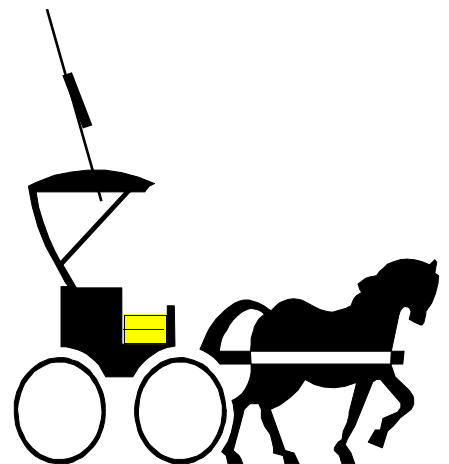
Next Board Meeting NN3V stated that the next regular Board meeting would be held at his home again, at 7:00 PM on the Wednesday following the January club meeting.

At this point AB6QT left the meeting.

Ad Hoc Committee Schedule The members of the new ad hoc committee (to set the schedule and assign tasks for completion of the next issue(s) of the SCOPE) agreed to hold its first meeting at 4:00 PM on Friday, December 28, at the home of NN3V.

Adjournment The meeting was adjourned at 9:00 PM. Respectfully Submitted, Paul KB5MU.

(W9FQN chose to leave the Board meeting "after" the president declined to submit to the Board the remaining members of the Board for approval - Ed)



PARC NETS (06/01)

All 147.075 10-11pm MCW contacts

All 147.130 2200+ 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

POSTMASTER:

Send address changes to Scope,
P.O.Box 73, Vista, CA 92085

Time Dated Material



Jan

2002

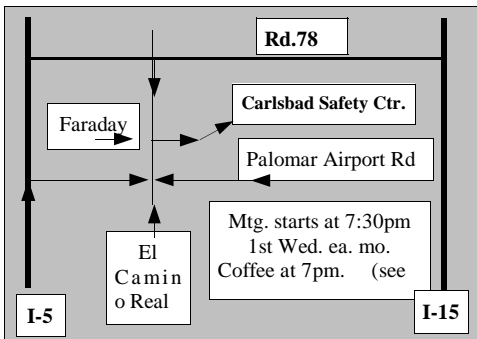
pg.10

-10-

1,630

The End!

Periodicals
Postage Pd.
at Vista CA
92085-9998



pse cover me!

Fold, I am not sold but old and cold, I am told !

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 Hz

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

Pres:Charlie Ristorcelli NN3V 858.676.3307
NN3V@amsat.org

VP: Mark Raptis KF6WTN 760.749.4825
KF6WTN@amsat.org

Sec: Paul Williamson KB5MU 858.571.8585h
(760-742-9924PalomarMt) KB5MU@amsat.org

Treas: Jo Ashley KB6NMK 760.741.2560
KB6NMK@amsat.org

Dir#1: Paul DeCiddo NN6X
NN6X@amsat.org

Dir#2: Jim Cooper NE6O 760-727-8446
NE6O@amsat.org

(According to the minutes, the remaining three Board members were not appointed and the nine member Board as required by the By-laws will function with only 6 members for the present -Ed)

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.